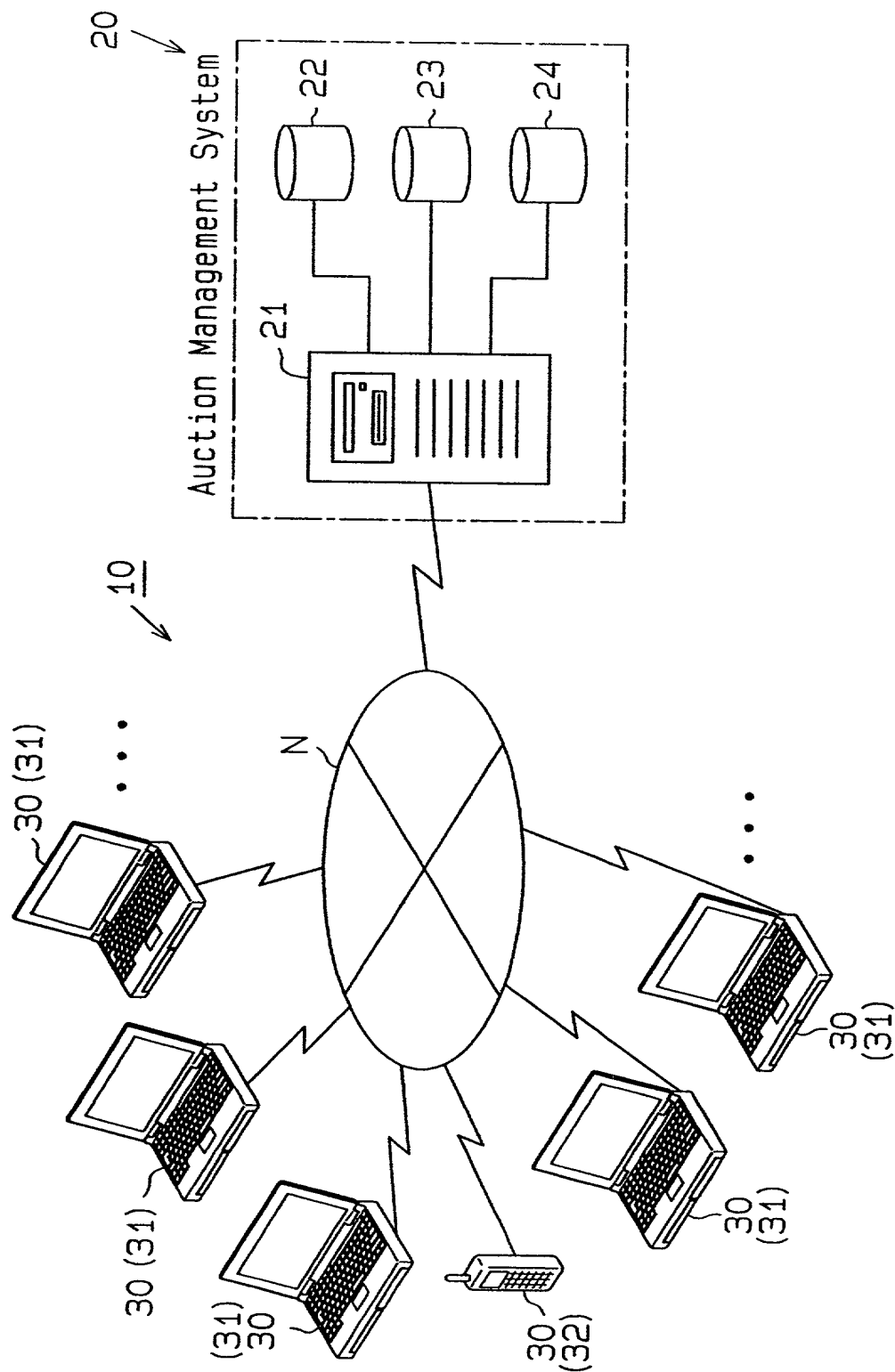
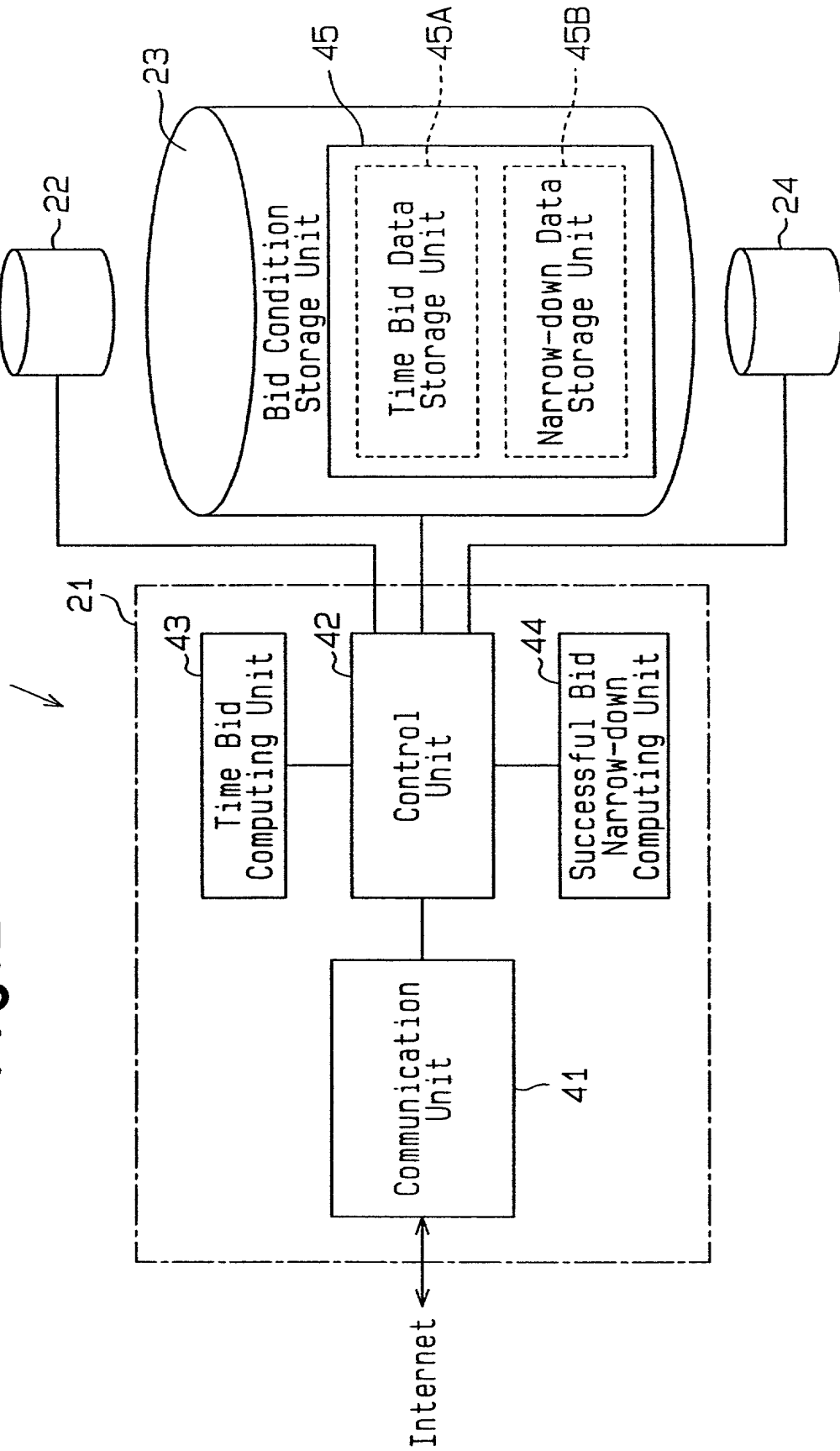


**Fig.1**



**Fig. 2**

20



# Fig. 3

## Time Auction HP

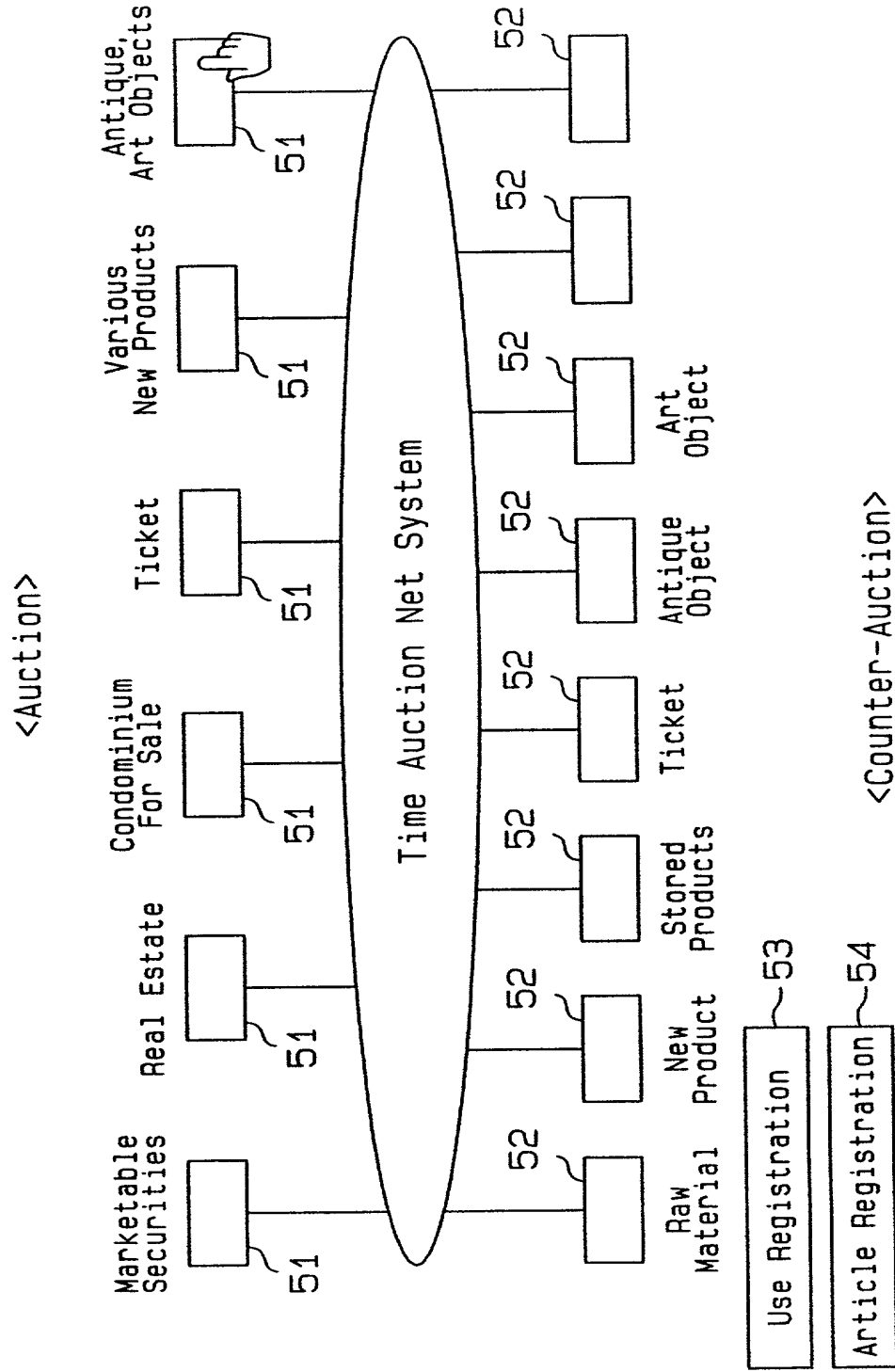


Fig. 4

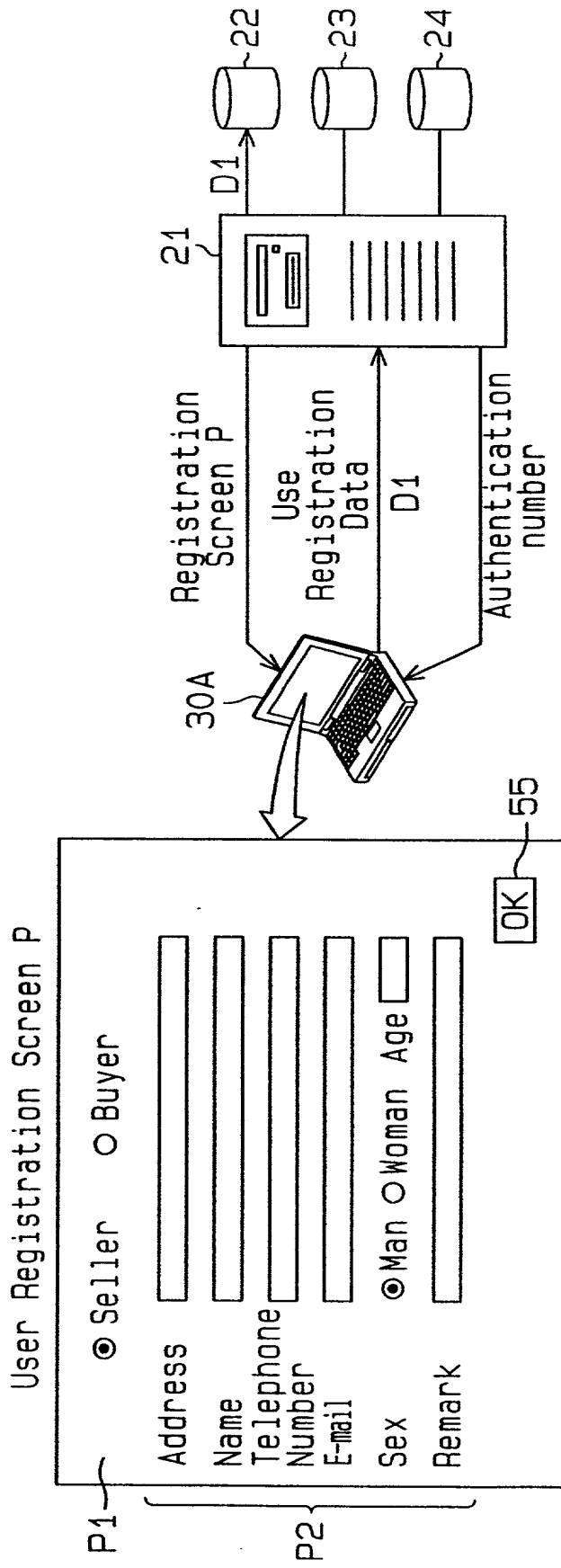
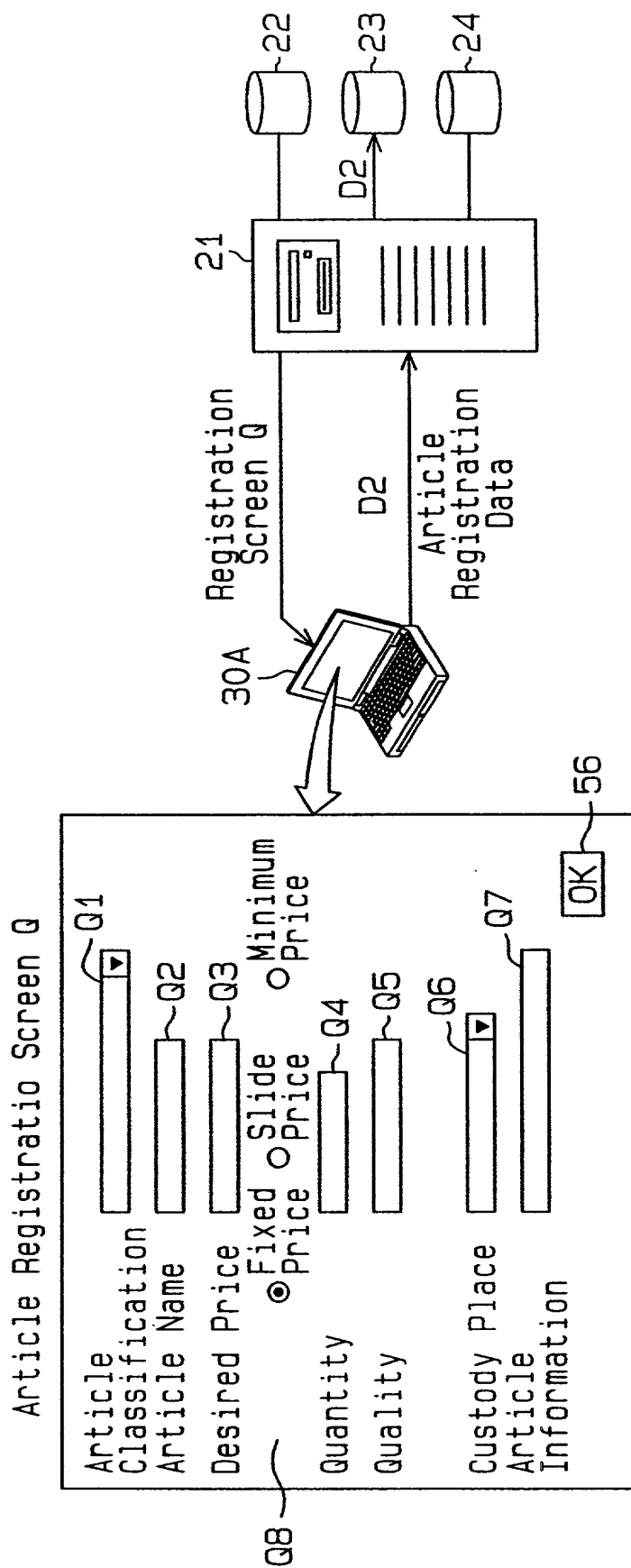
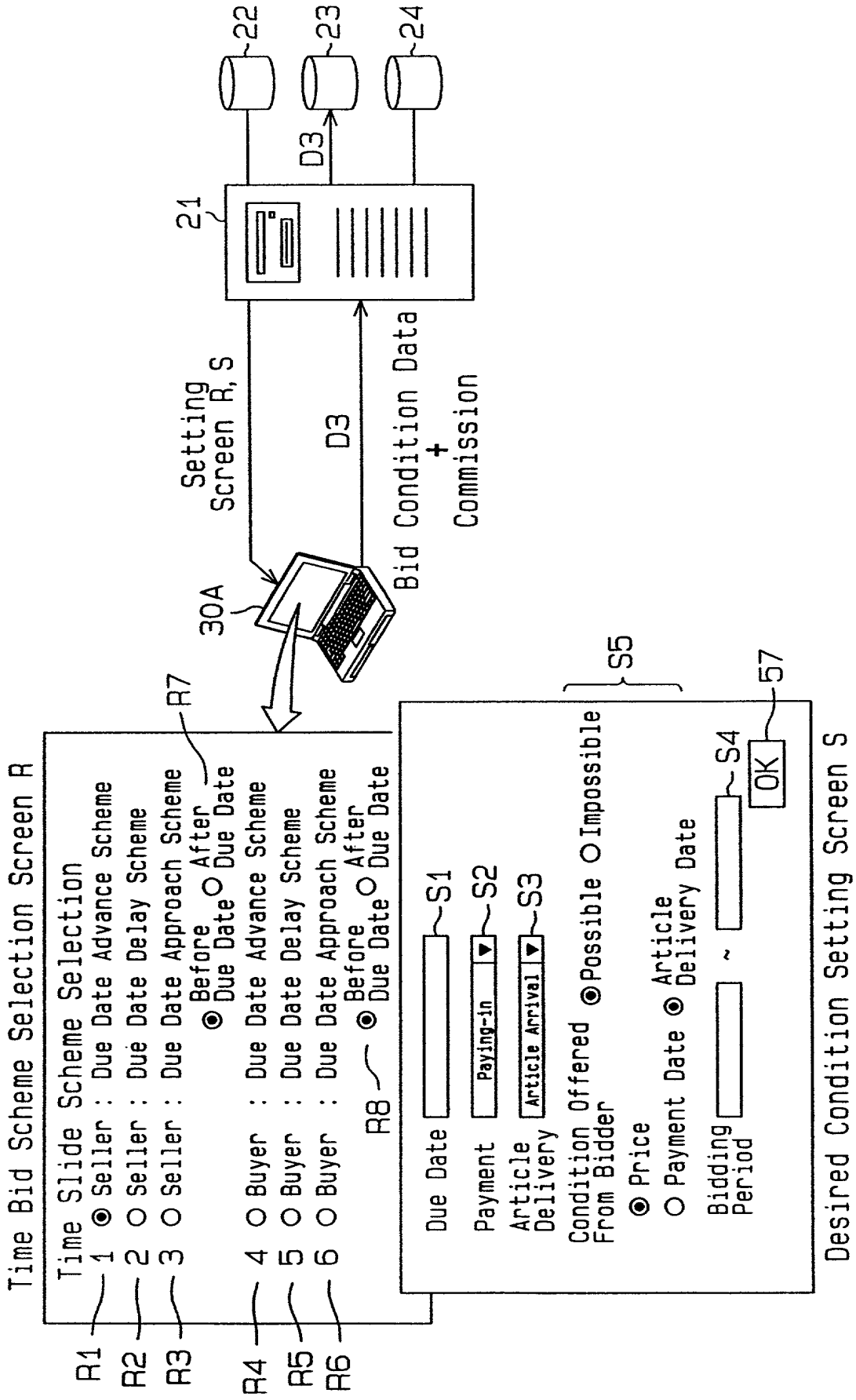


Fig. 5

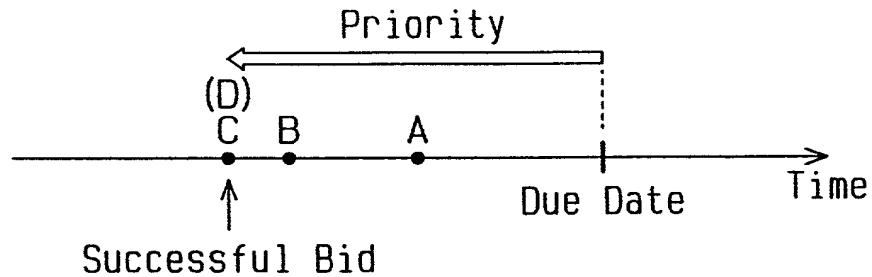


# Fig. 6



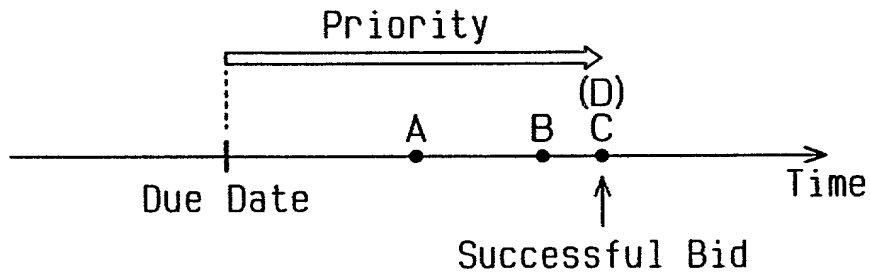
## Fig.7 (a)

Due Date Advance Scheme



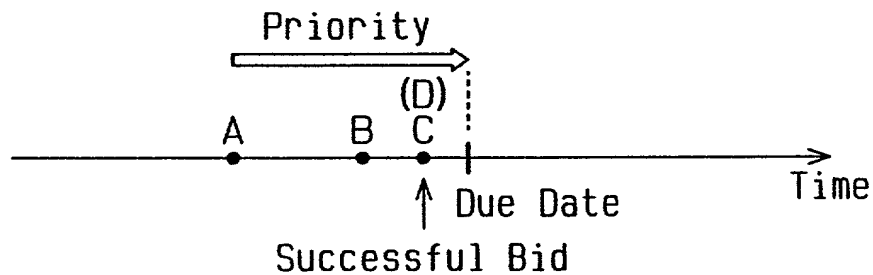
## Fig.7 (b)

Due Date Delay Scheme



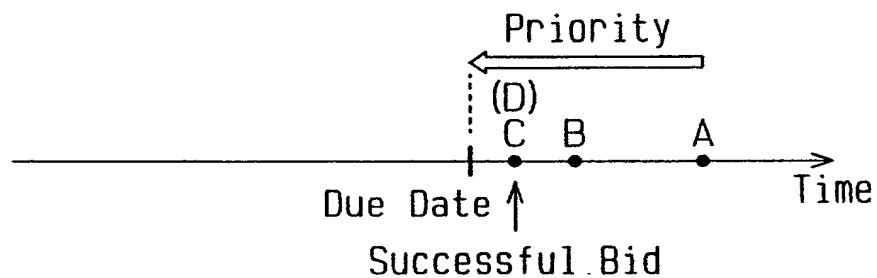
## Fig.7 (c)

Closest Pre-Due Date Scheme

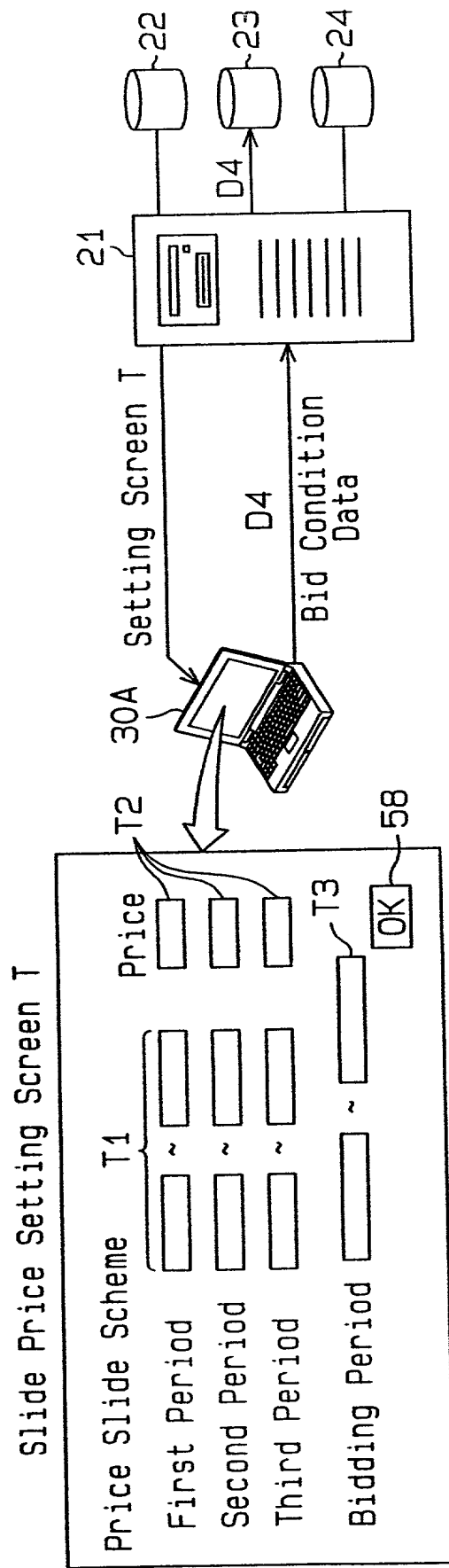


## Fig.7 (d)

Closest Post-Due Date Scheme



# Fig. 8





# Fig. 9

## Article List Screen U

U1

Article Code  
xxxx

U2

Article Name xxxxx  
Price xxx  
Quantity xx

U3

Time Auction Scheme: Due Date Advance  
Desired Trading Date: xDay xMonth  
Bidding Period: xxx-xxx

Participation

U1

Article Code  
xxxx

U2

Time Auction : Due Date Delay  
Scheme -----

59

Participation

U1

Article Code  
xxxx

U2

Time Auction : Due Date Approach  
Scheme -----

59

Participation

V1

Article Code xxxxx  
Article Name xxxxx  
Trading Date : Desired Price xxxxx  
Time Auction Scheme : Due Date Advance  
Due Date : xxDay xxMonth xxYear

Year

Month

Day

Trading Date

Year

Month

Day

Payment

Paying-in

V3

Condition Offer

Yes

No

V6

Price

V4

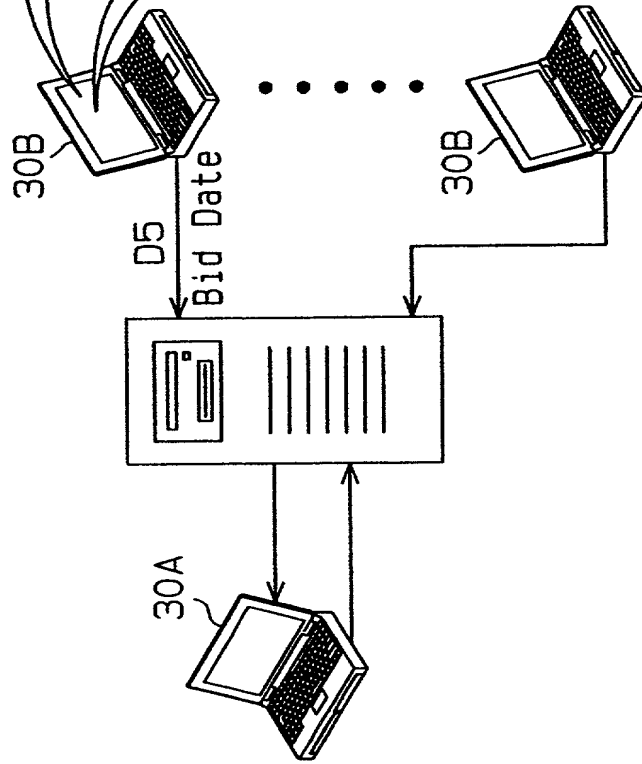
Article Delivery Date

V5

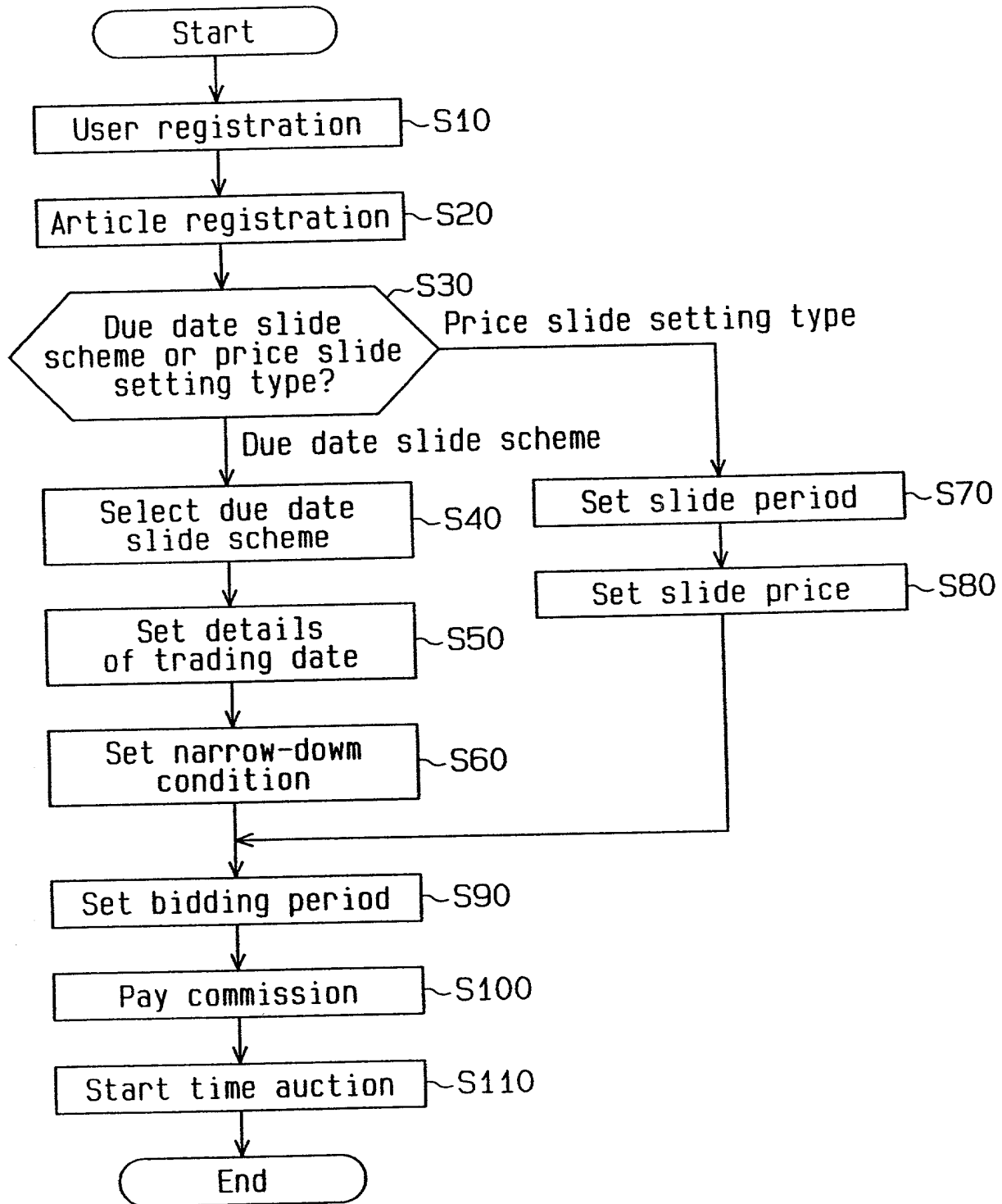
OK

60

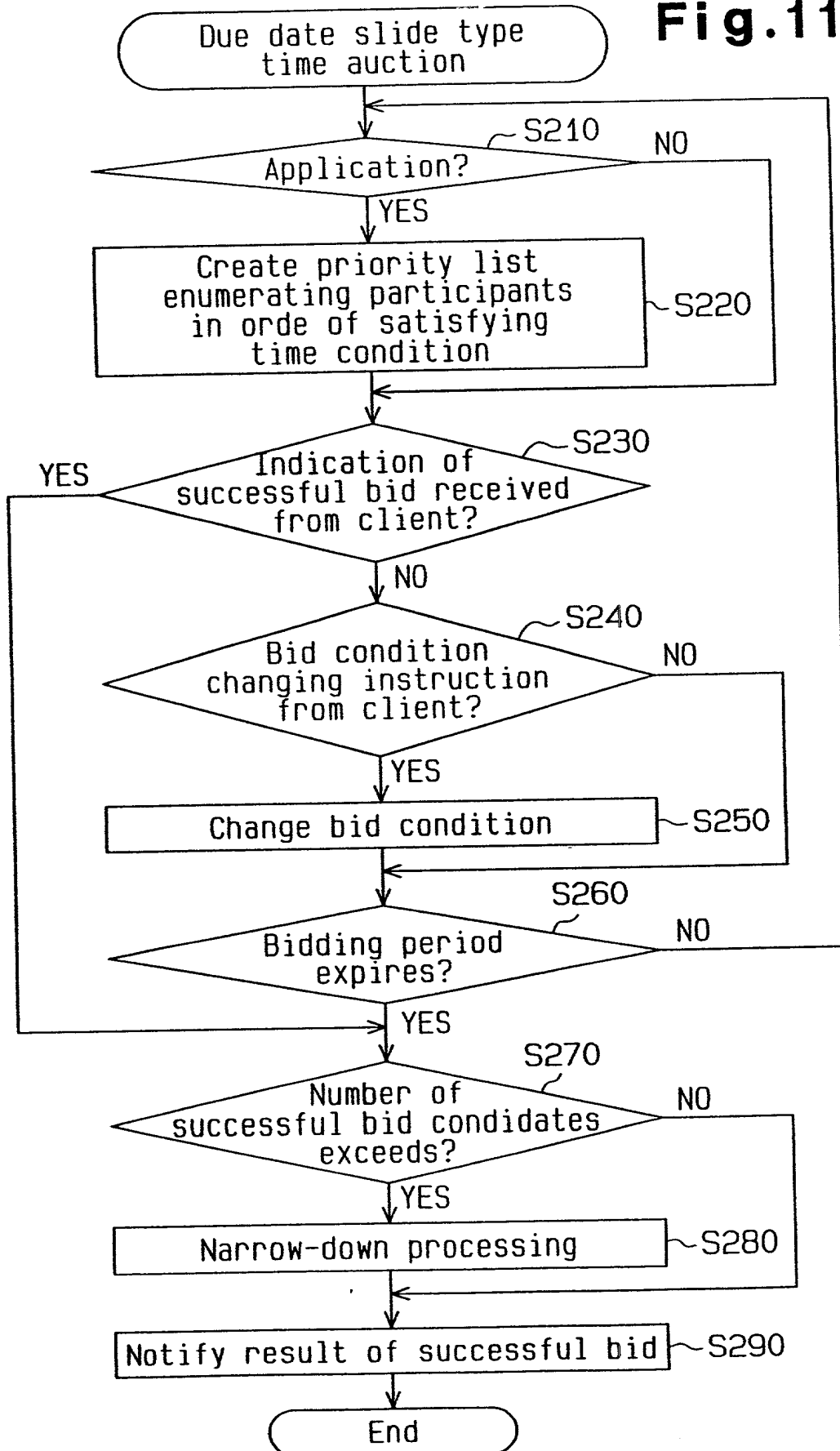
## Bid Participation Screen V



**Fig.10**



**Fig.11**



Price slide setting type  
time auction

**Fig.12**

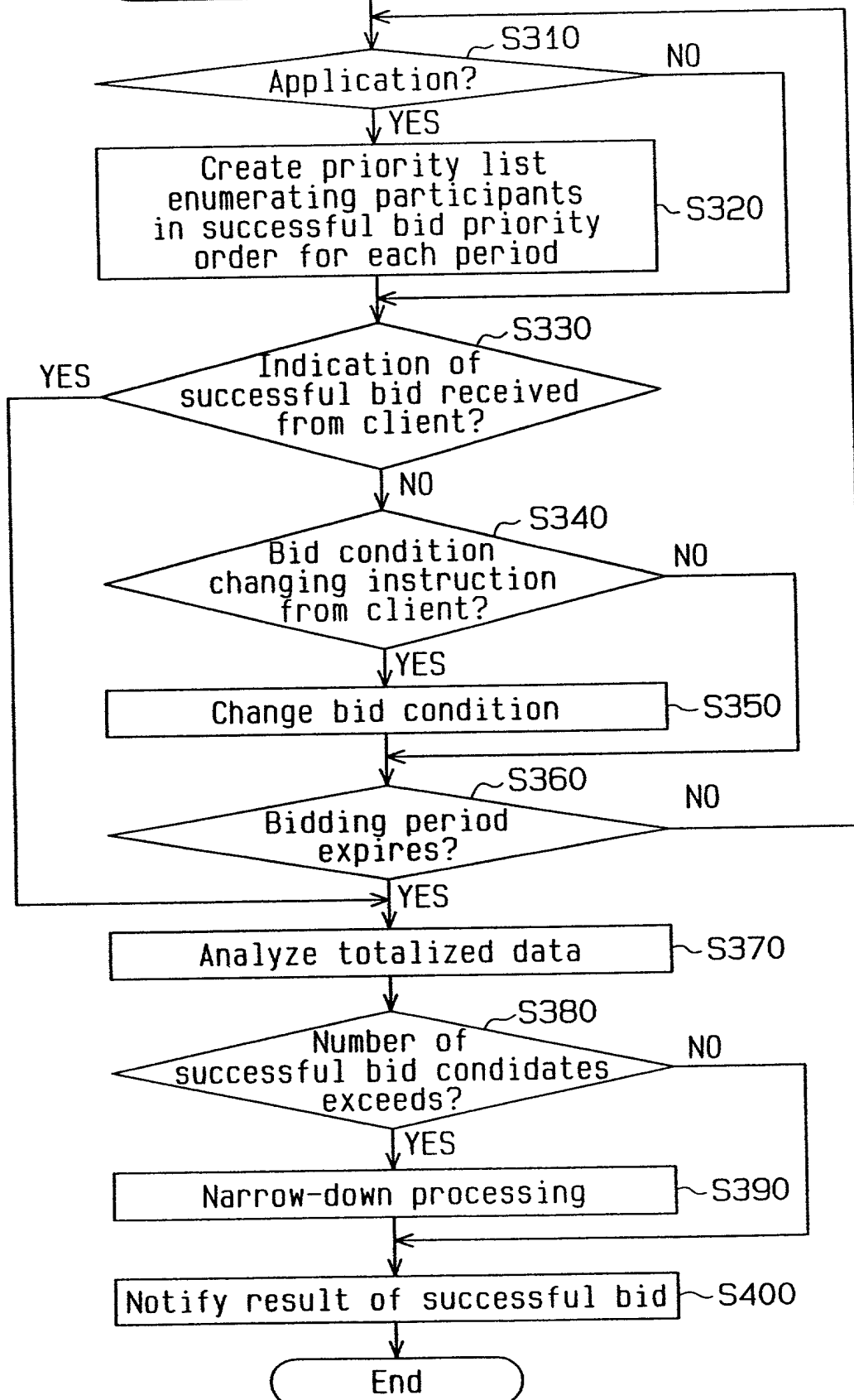
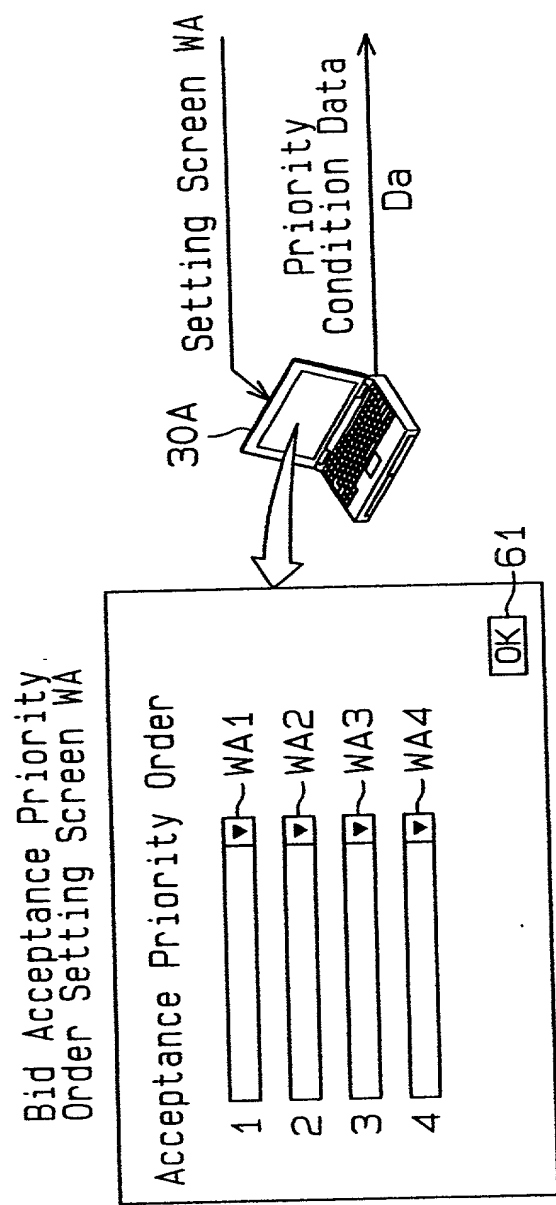


Fig.13



# Fig.14

List Screen XA

List XA1

NO	Code Number	Trading Data	Condition offerd by bidder	
			Price	Article delivery date
1	00080	20 June	xxxxx Paying-in	20 June Shipment
2	00079	20 June	xxxxx Paying-in	20 June Shipment
3	00078	20 June	xxxxx Paying-in	20 June Delivery
4	00077	20 June	xxxxx Paying-in	25 June Shipment
5	00076	20 June	xxxxx Paying-in	20 June Delivery
6	00075	20 June	xxxxx Paying-in	1 July Shipment
7	00074	19 June	xxxxx Paying-in	19 June Shipment
.	.	.	.	.
.	.	.	.	.
.	.	.	.	.

Select successful bidder

NO.  ~ XA2

~ 62

Fig.15

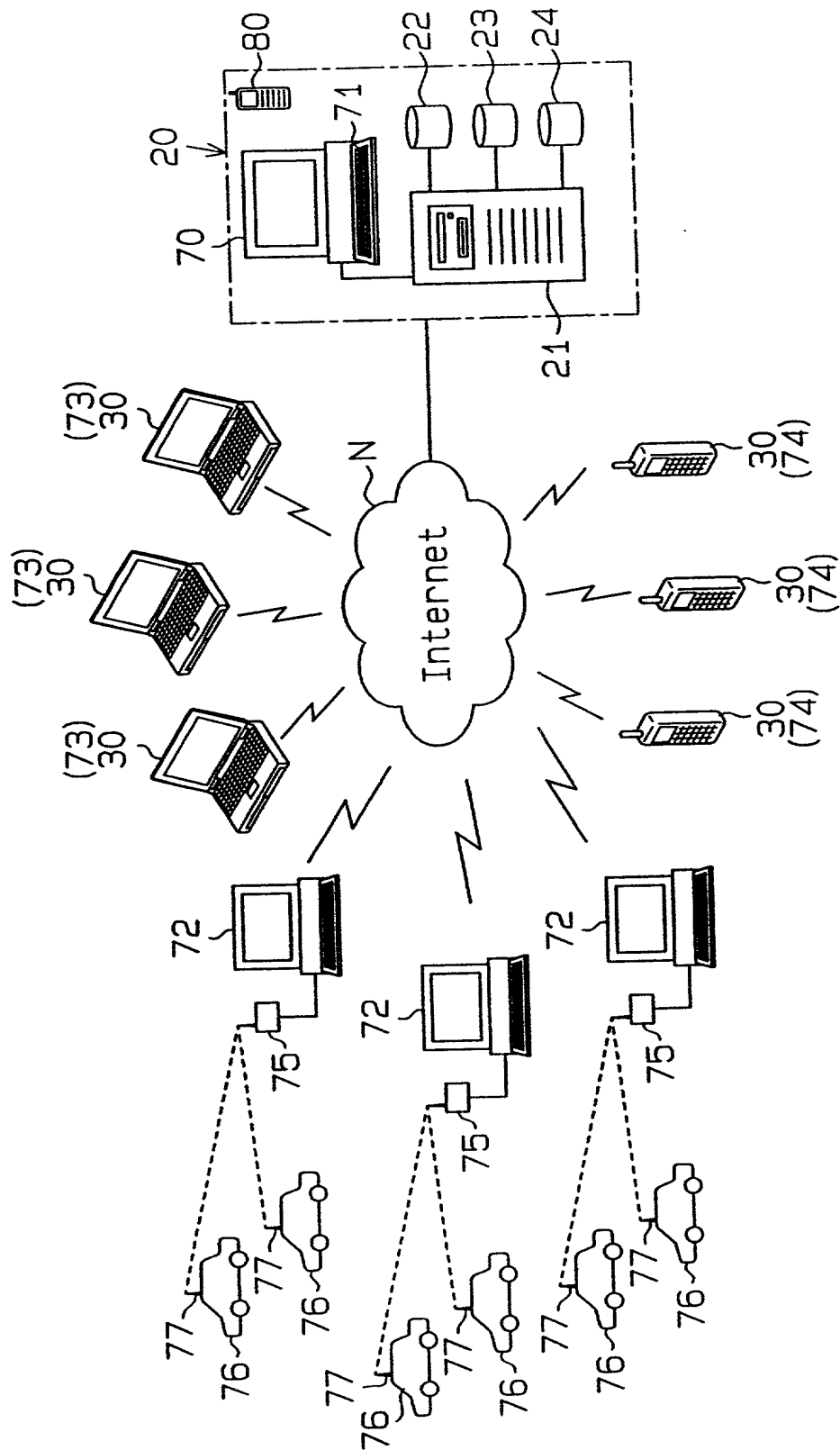
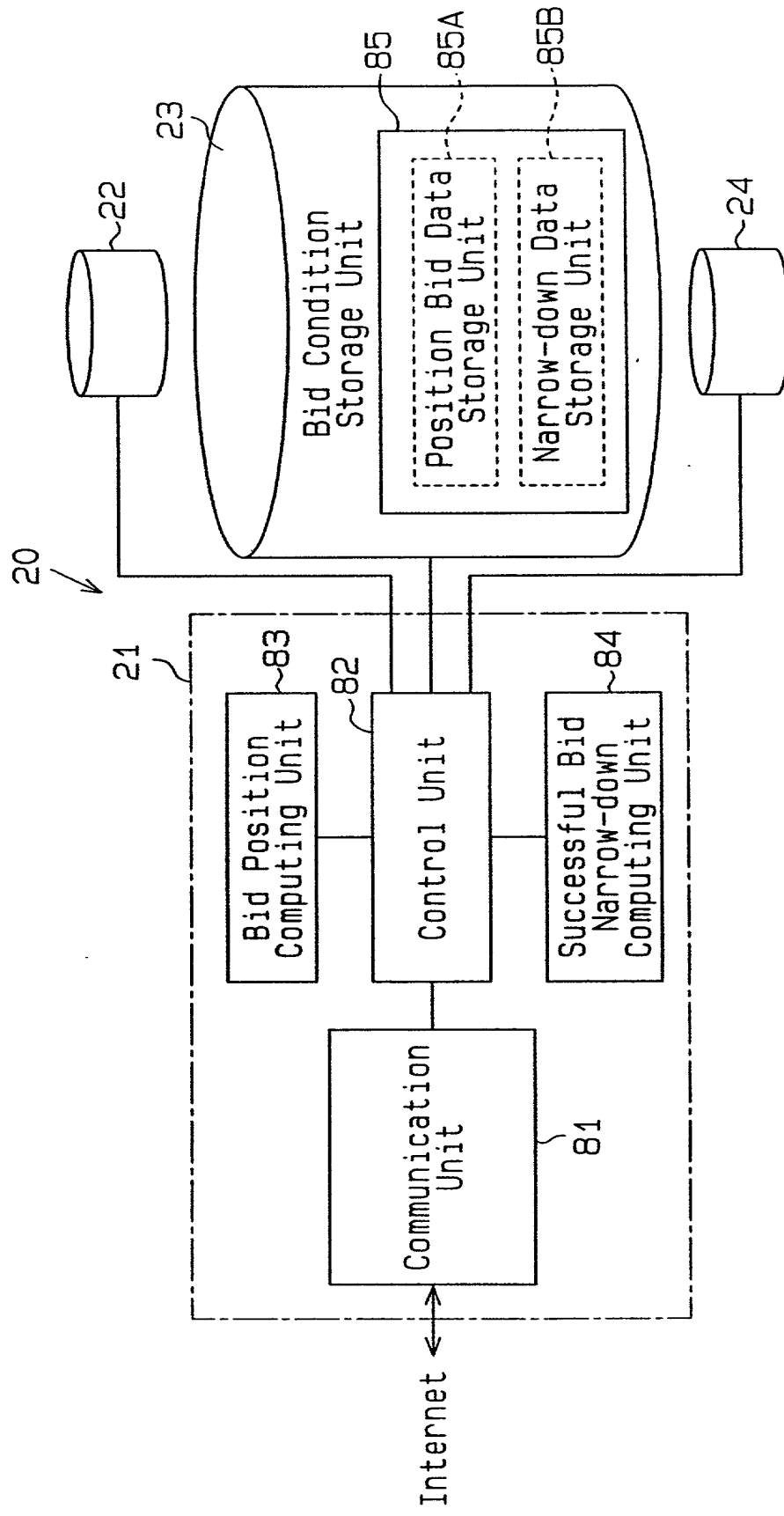
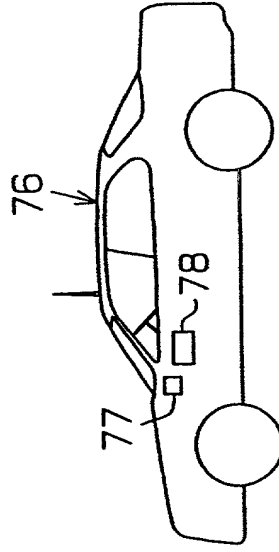


Fig.16

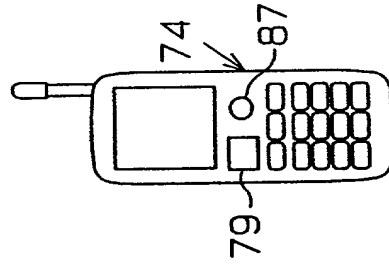




**Fig. 17(a)**



**Fig. 17(b)**



# Fig.18

Auction HP

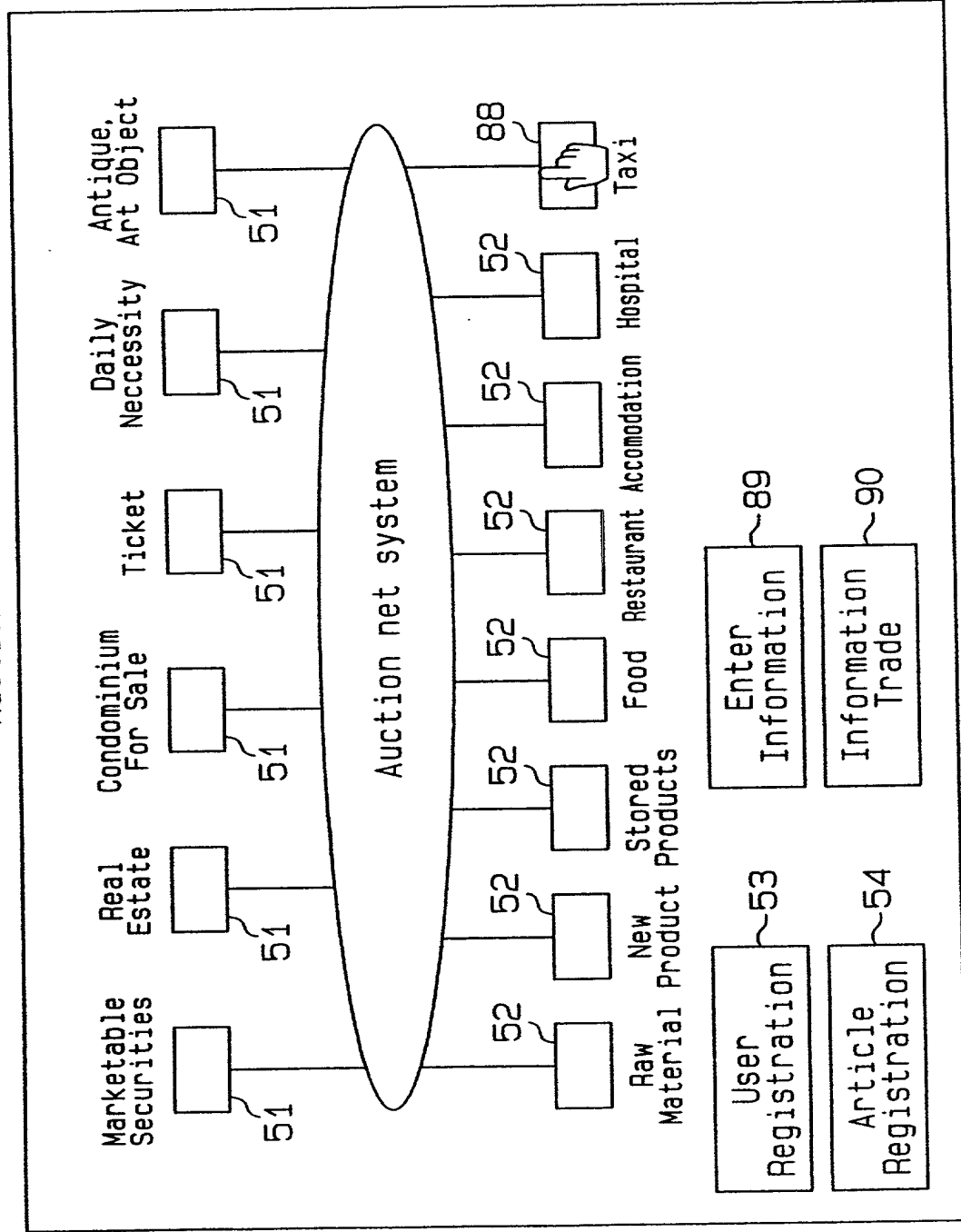


Fig.19

Taxi Allocation Screen F

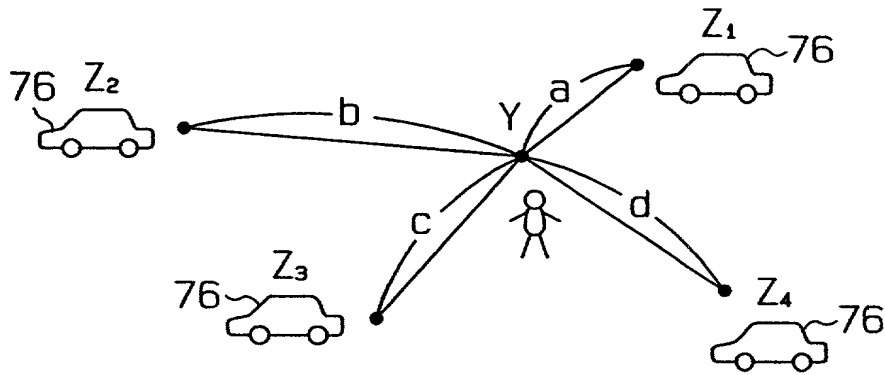
<Taxi Allocation>	91	F1
Taxi Taking Position	GPS	Telephone Number
Character Entry		F2
Communicate Features		F3
Taxi Taking Time		F4
Number Of Passengers		F5
Destination		F6
Rank		92
ID Number		F7
		93
		Transmit

Fig. 20

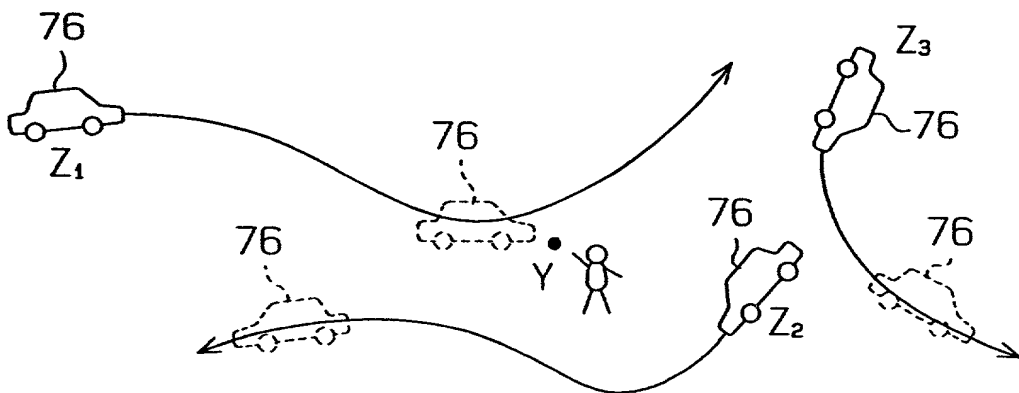
Auction Participation Screen G

Position Of Customer	<input type="text"/>	~G1
Number Of Persons	<input type="text"/>	~G2
Rank	<input type="text"/>	~G3
Destination	<input type="text"/>	~G4
Taxi Taking Time	<input type="text"/>	~G5
Position Of Taxi	<input type="text"/>	~G7
Situation	<input type="text"/>	~G8
Remaining Time	<input type="text"/>	~G9
Auction	<input type="text"/>	~94
Participation	<input type="text"/>	~94

**Fig.21 (a)**



**Fig.21 (b)**



**Fig.22**

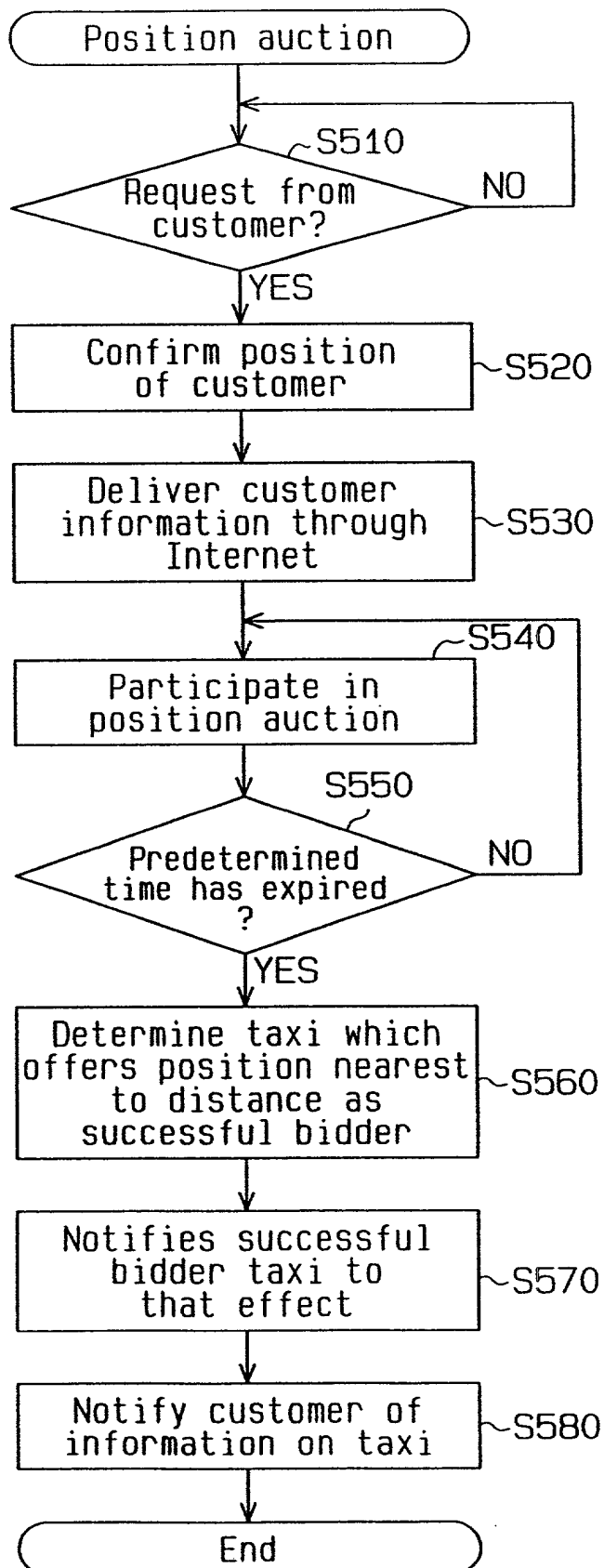
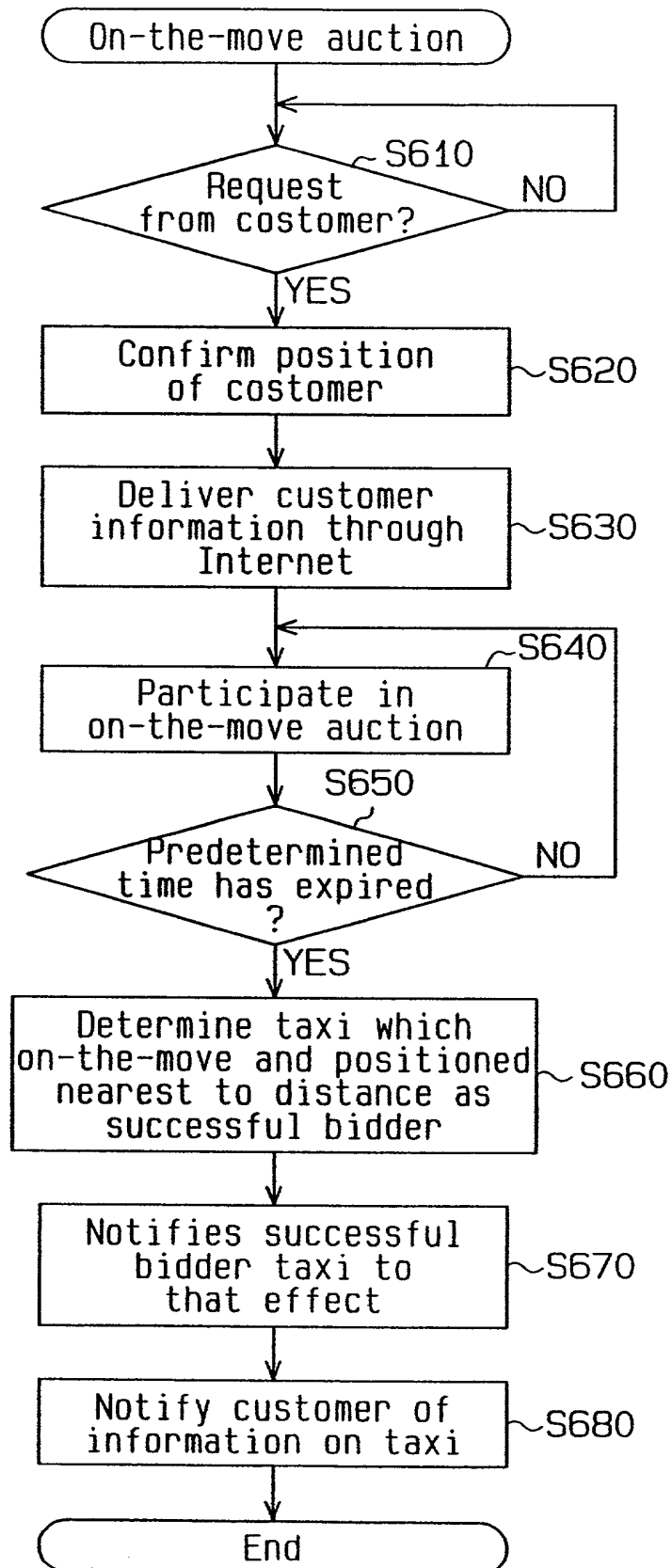


Fig. 23



# Fig. 24

## Position Auction HP

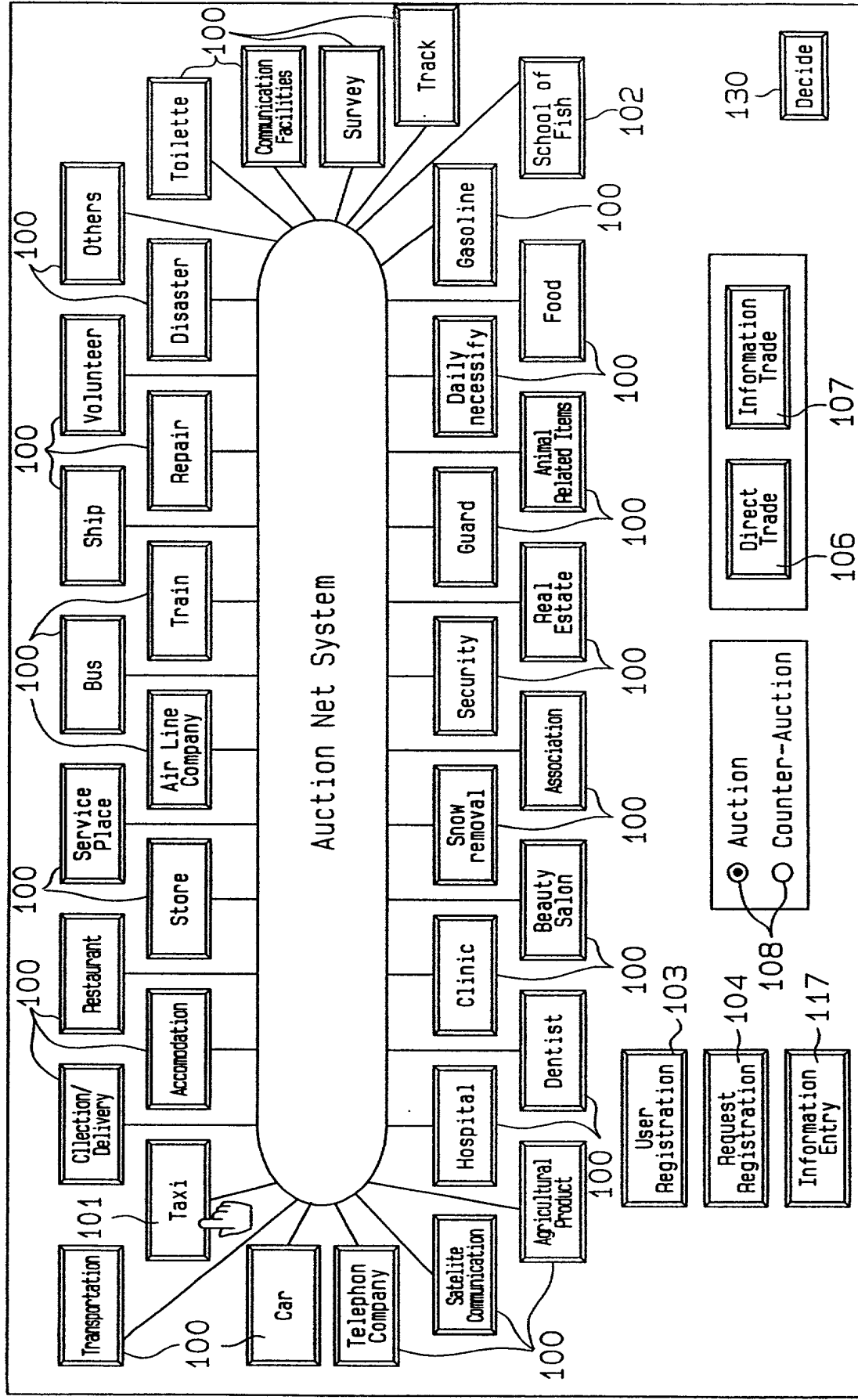




Fig. 25

Article/Service Registration Screen H

Article/Service Classification	H1
Article/Service Name	H2
Desired Price	H3
Quantity	H4
Quality	H5
Service Contents	H6
Custody/Provision Place	H7
Article/Service Information	H8
Transmit 105	

30 Registration Screen H

D8

Article/Service Registration Data

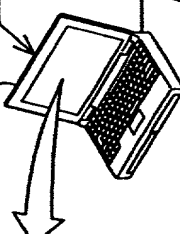
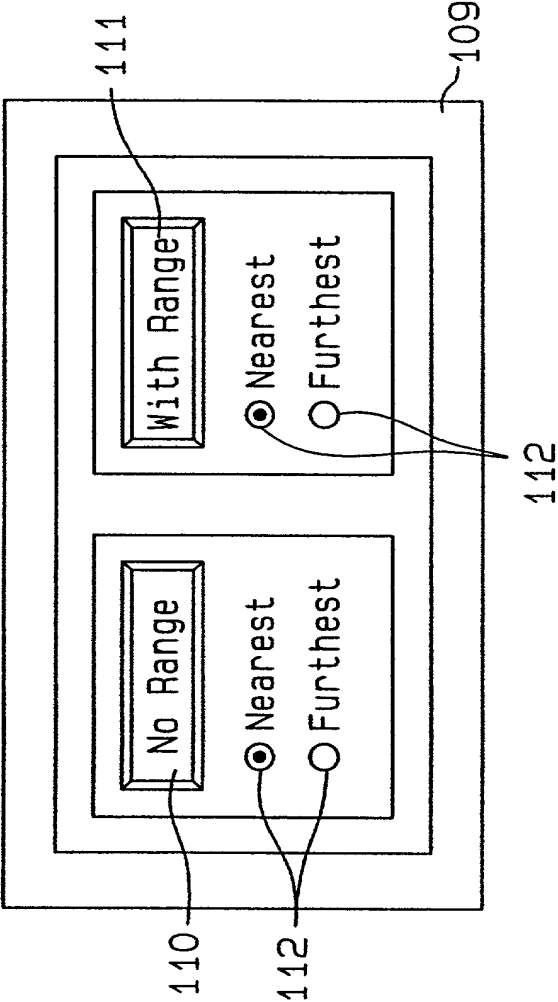
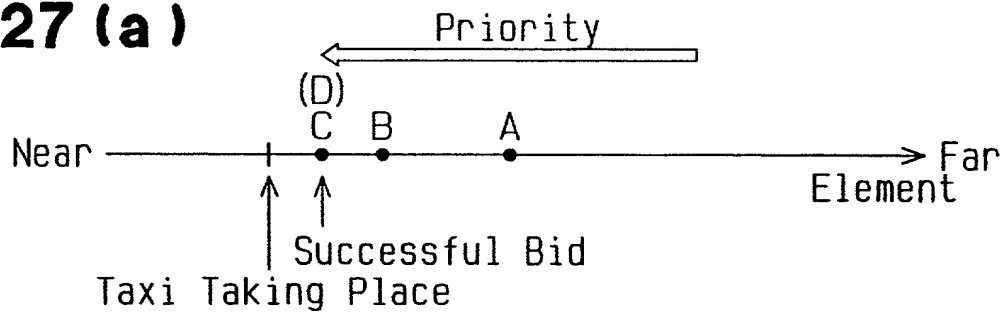


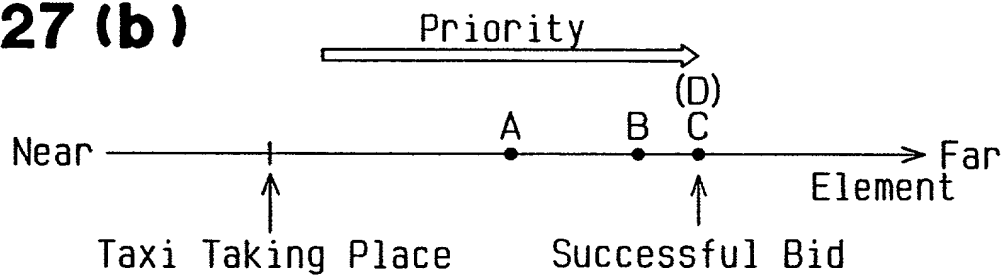
Fig. 26



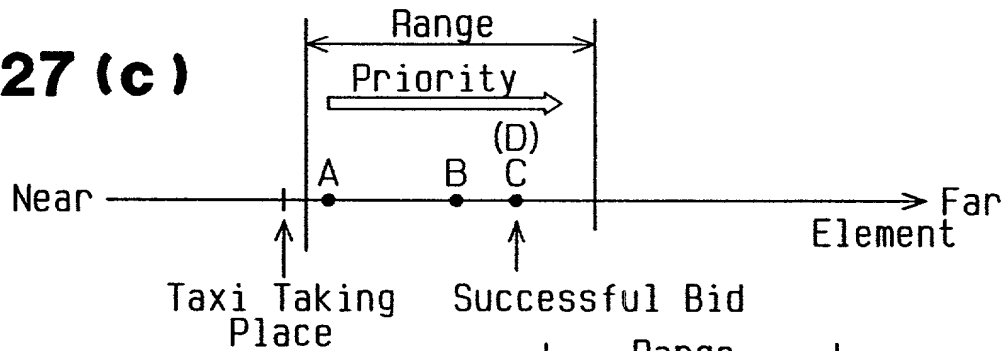
**Fig.27 (a)**



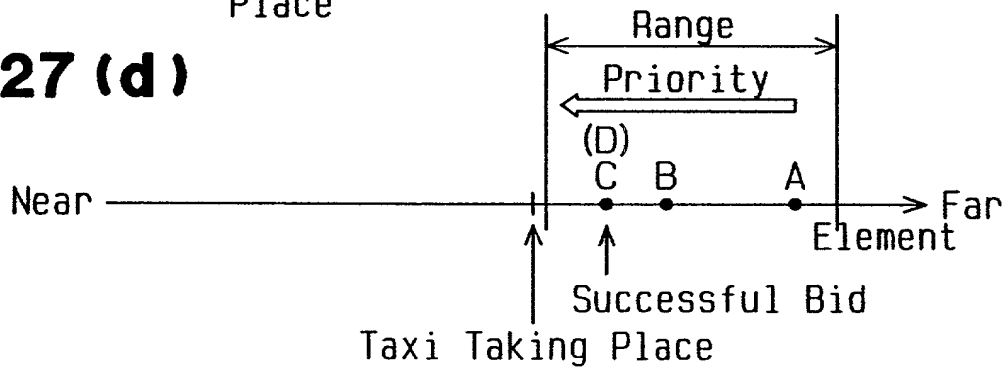
**Fig.27 (b)**



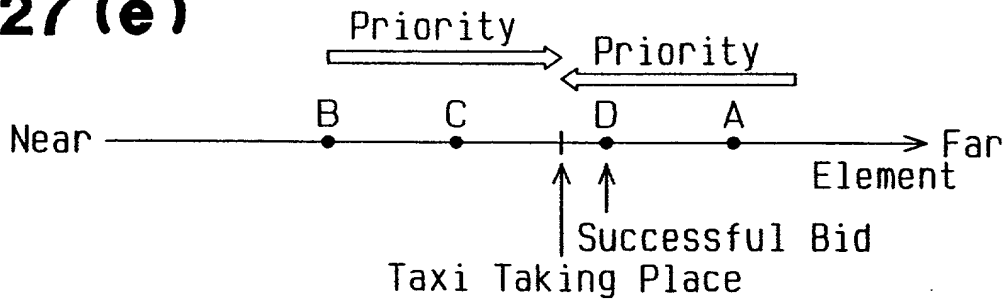
**Fig.27 (c)**



**Fig.27 (d)**



**Fig.27 (e)**



**Fig. 28**

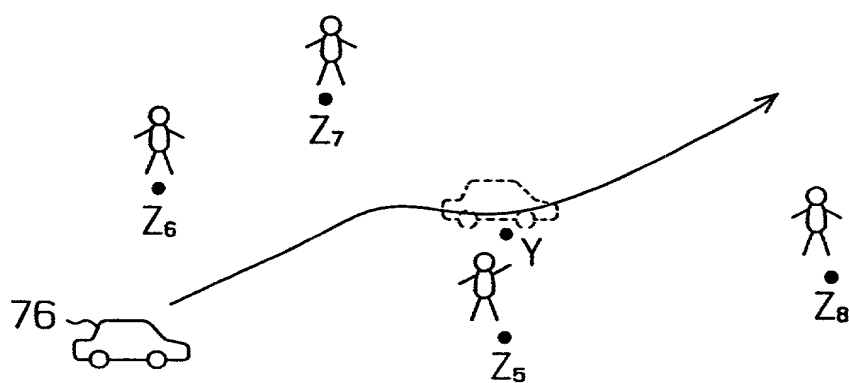


Fig. 29

List Screen XB

List XB1			
NO	Code Number	Position (Distance)	Reference Information
1	00080	100m	Rate System xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx
2	00079	150m	xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx
3	00078	250m	xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx
4	00077	300m	xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx
5	00076	400m	xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx
6	00075	550m	xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx
7	00074	700m	xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx xxxxx
.	.	.	.
.	.	.	.
.	.	.	.

Select Successful Bidder  
NO.  XB2

113

**Fig. 30**

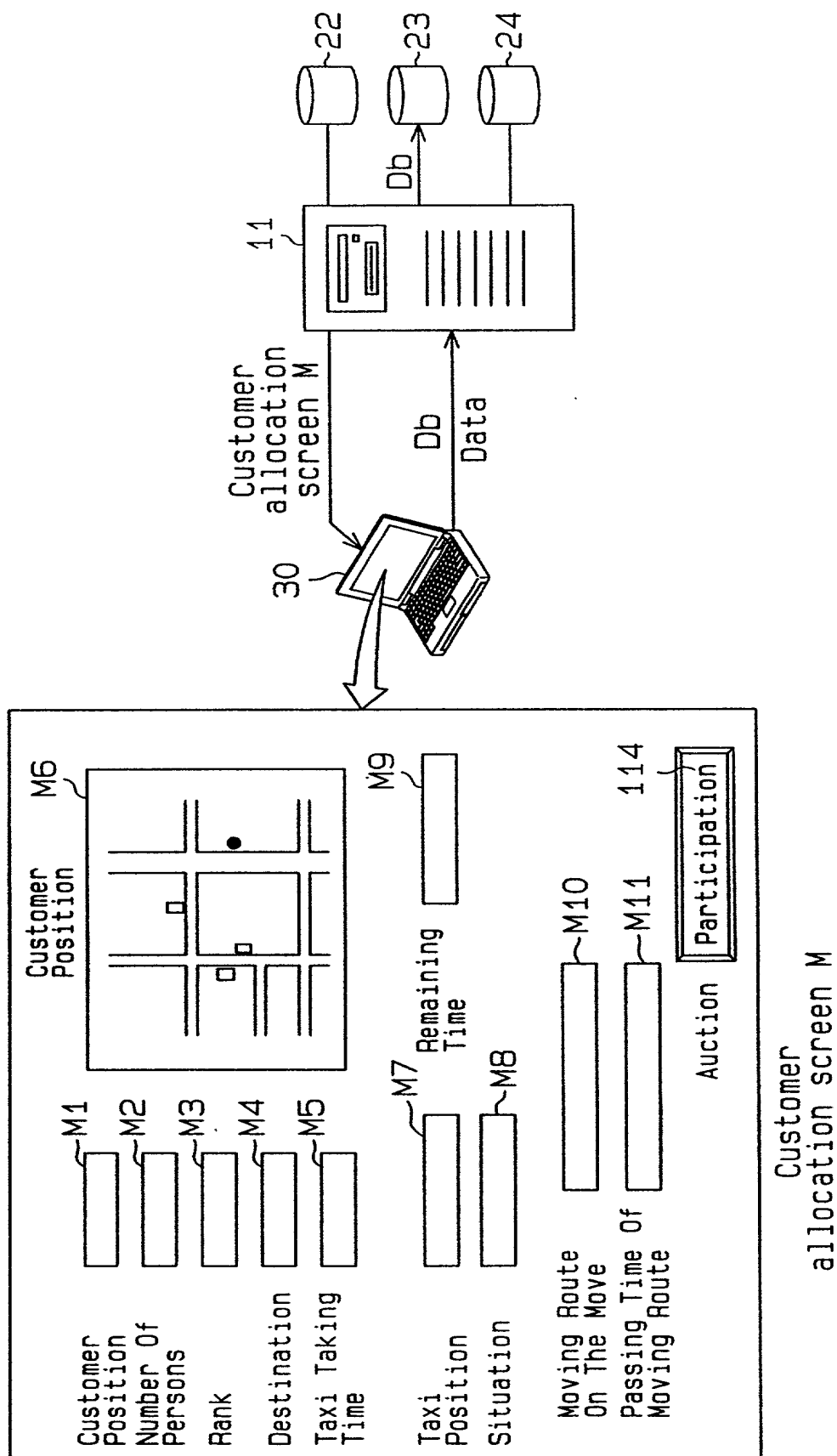


Fig.31

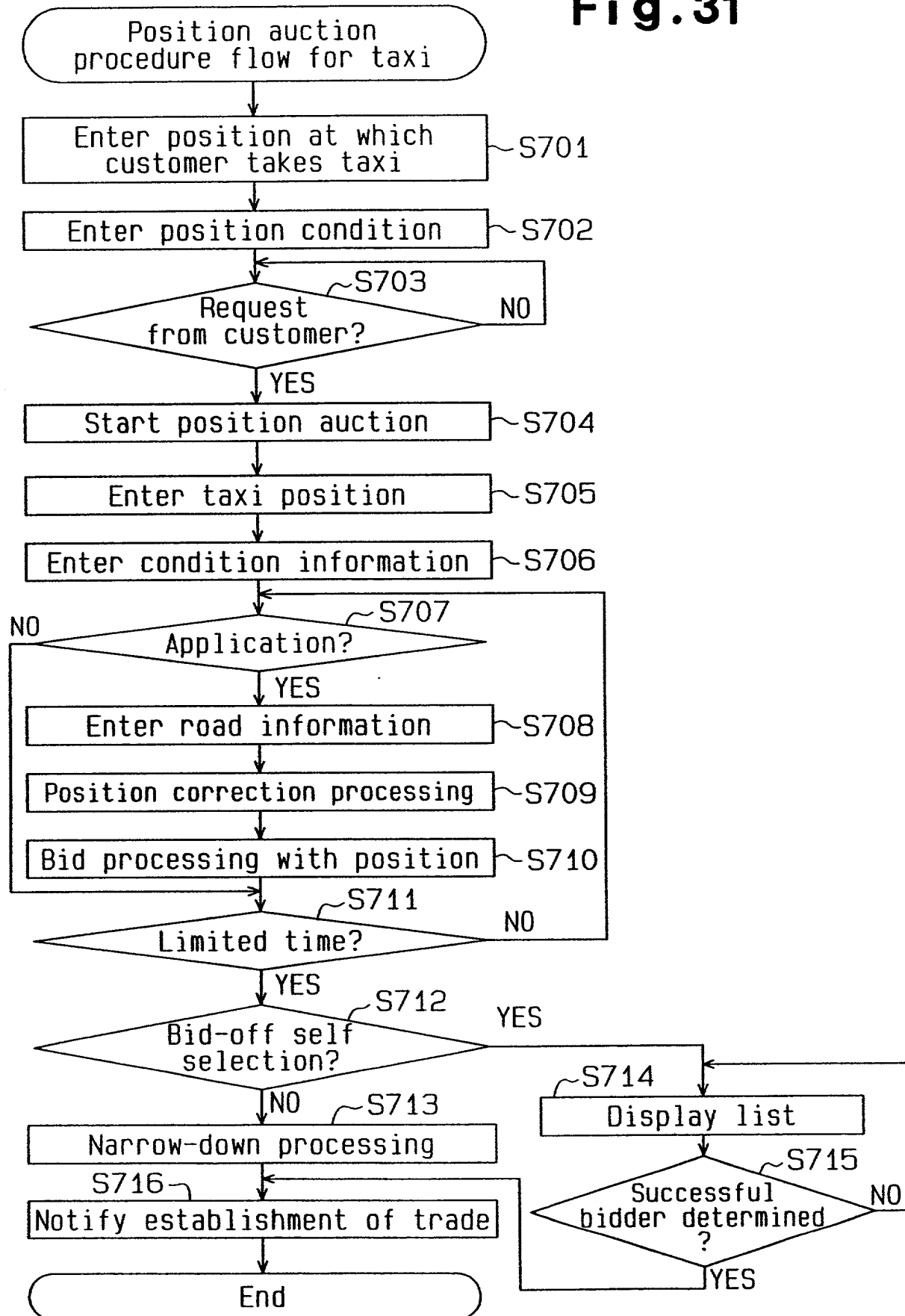
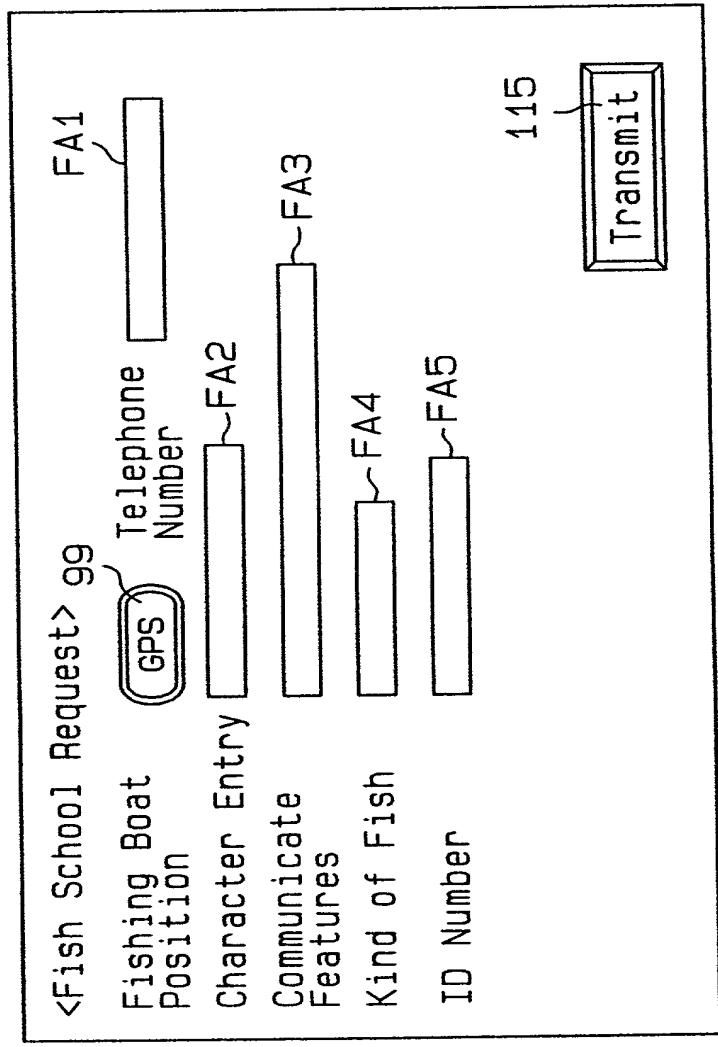


Fig. 32 is a schematic diagram of a fish school position requesting screen FA.

Fig. 32



Fish School Position Requesting Screen FA



Fig. 33

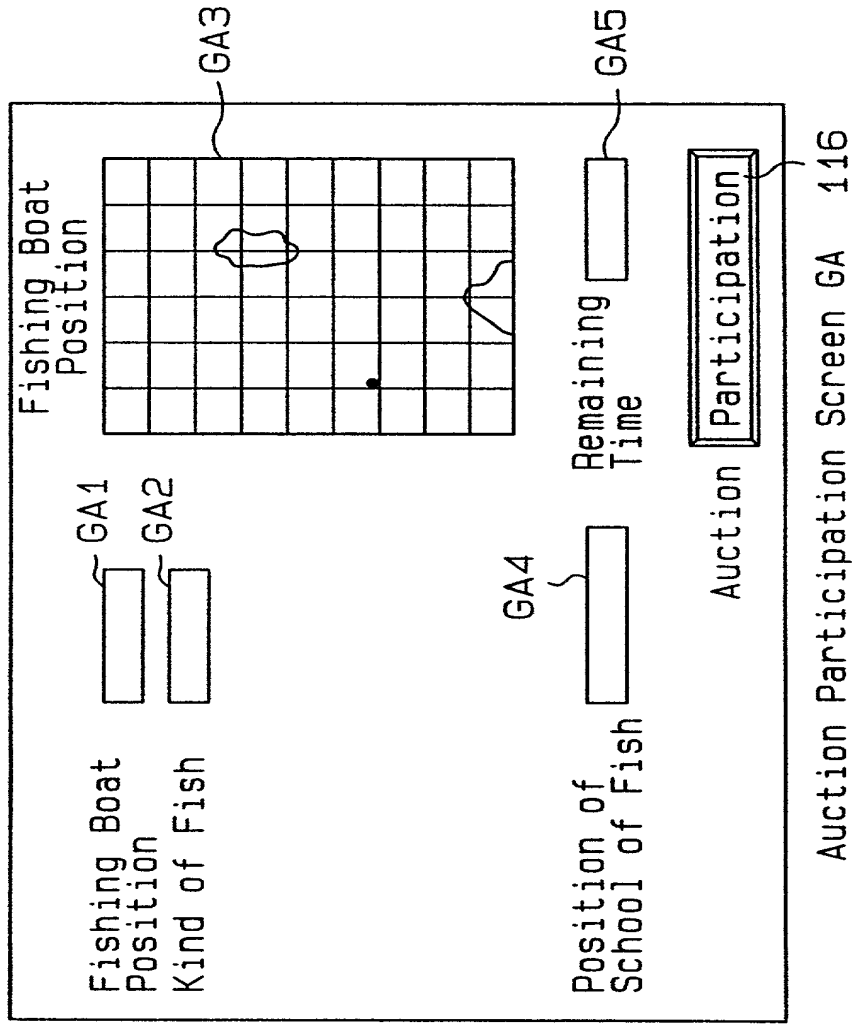
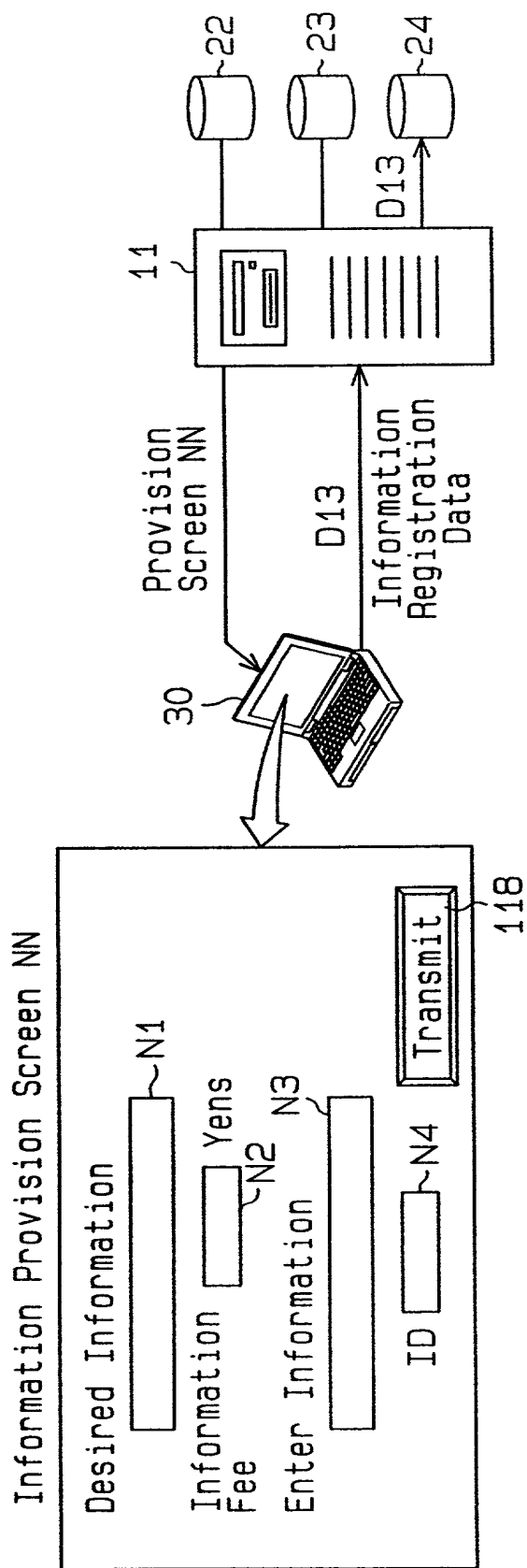
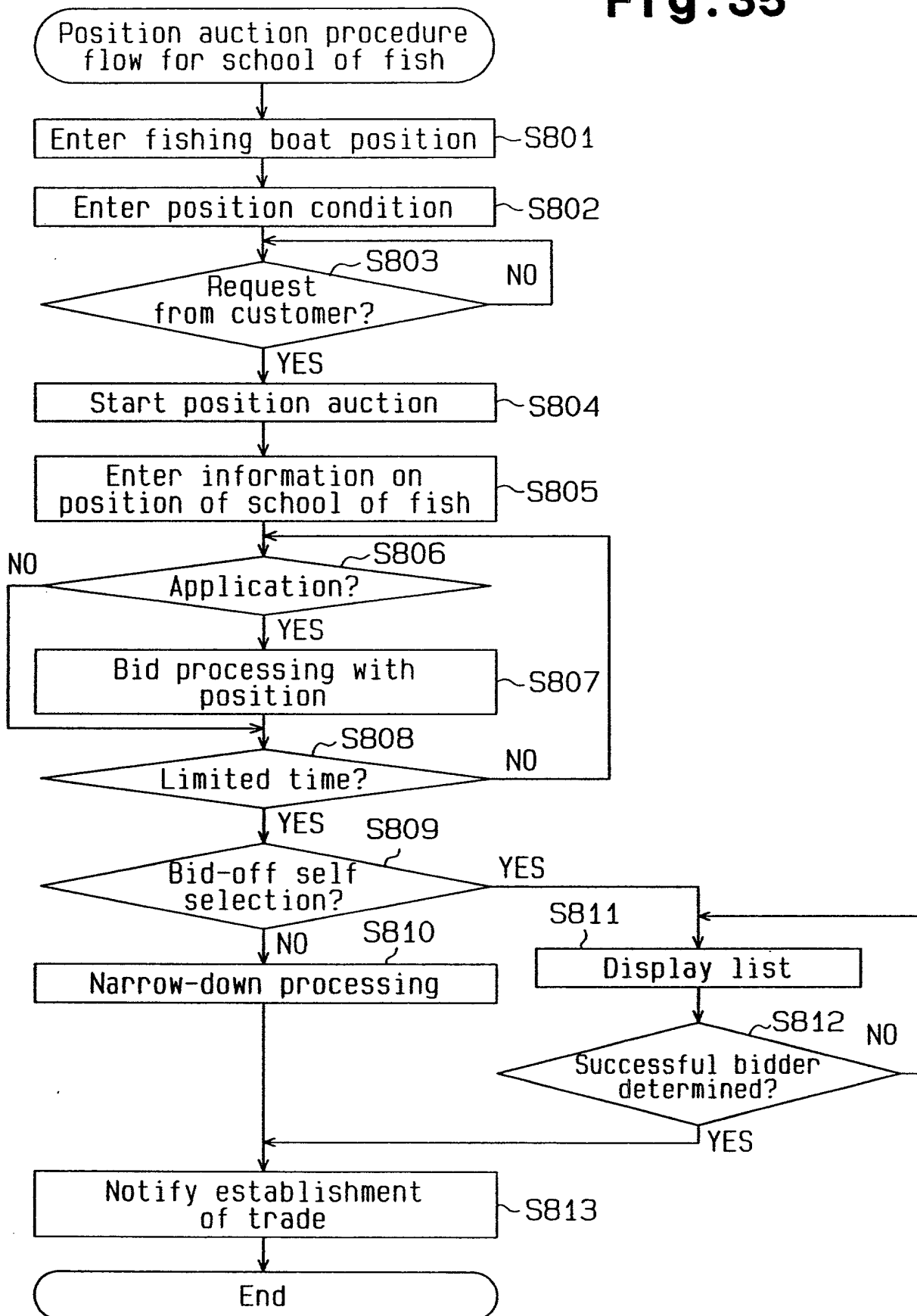


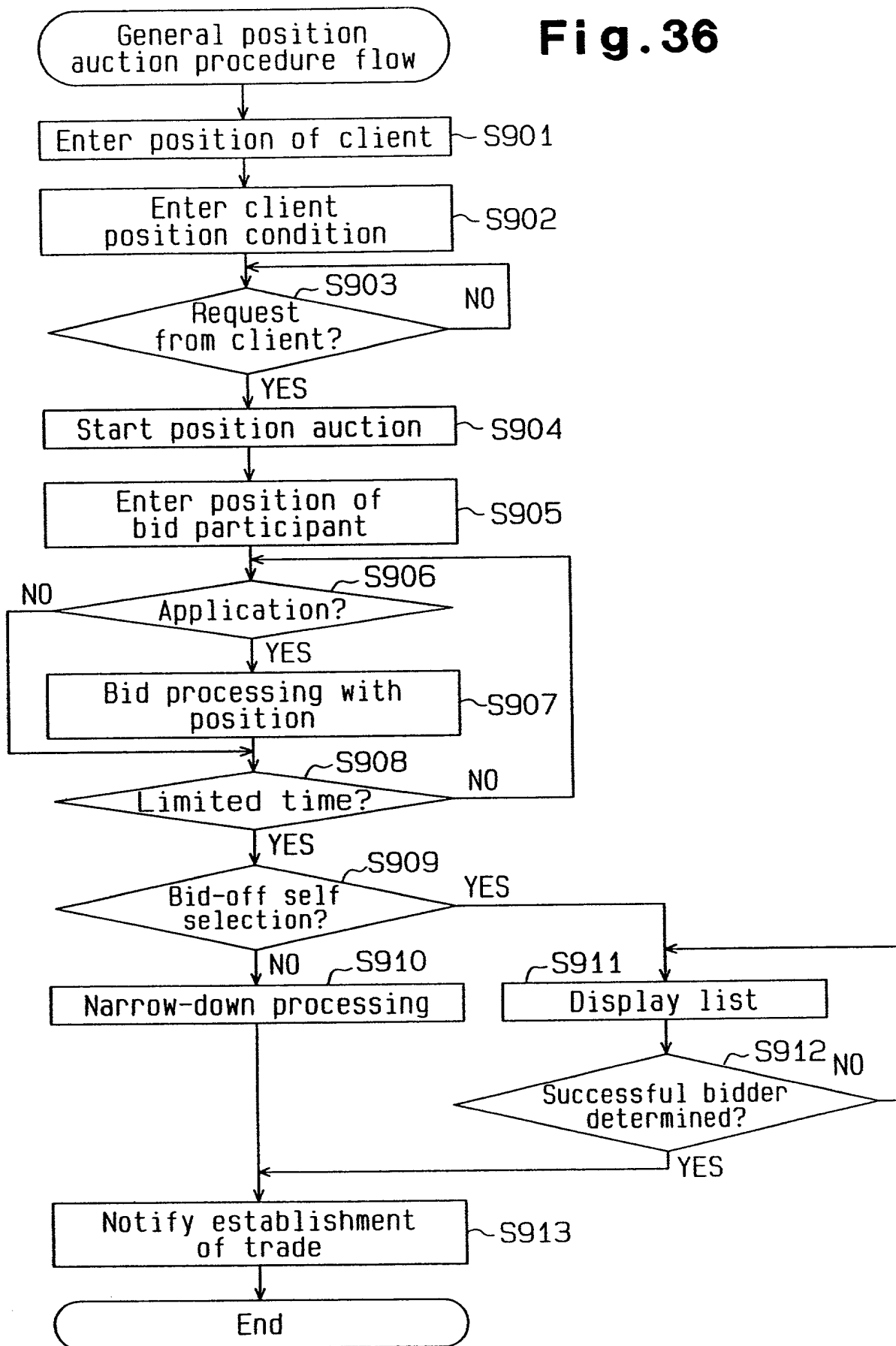
Fig. 34



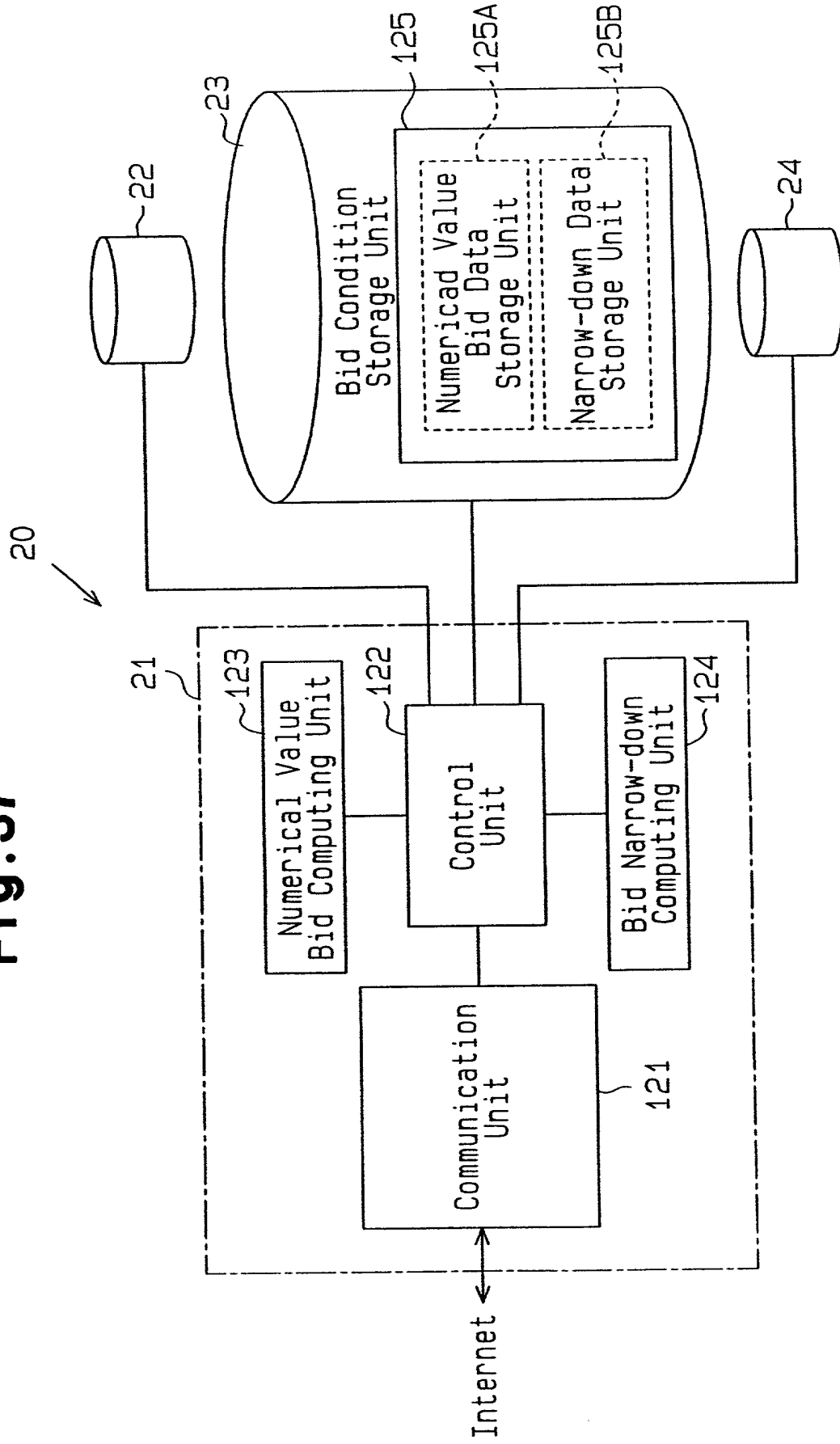
**Fig.35**



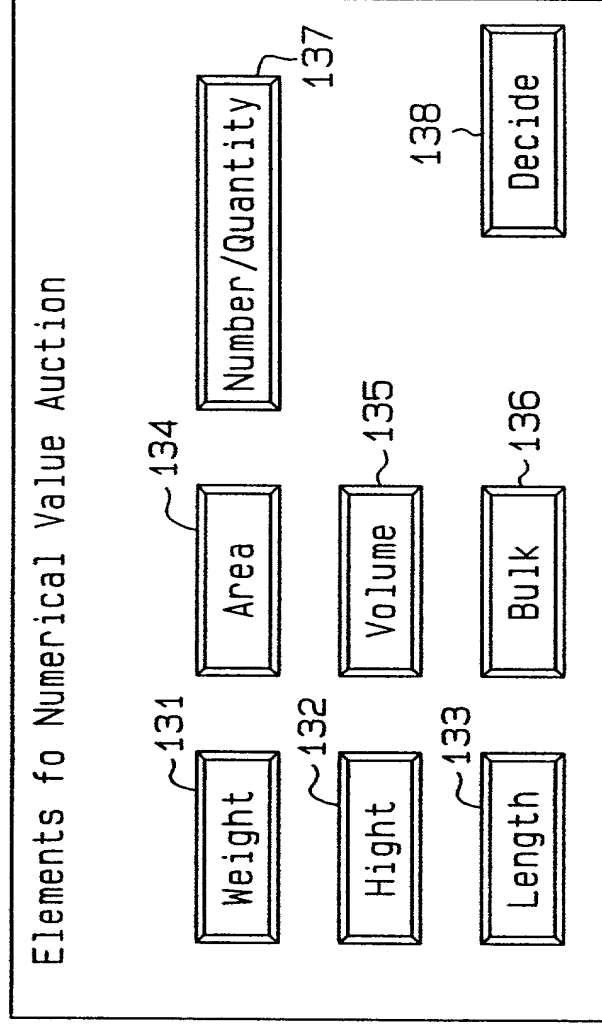
**Fig. 36**



# Fig. 37

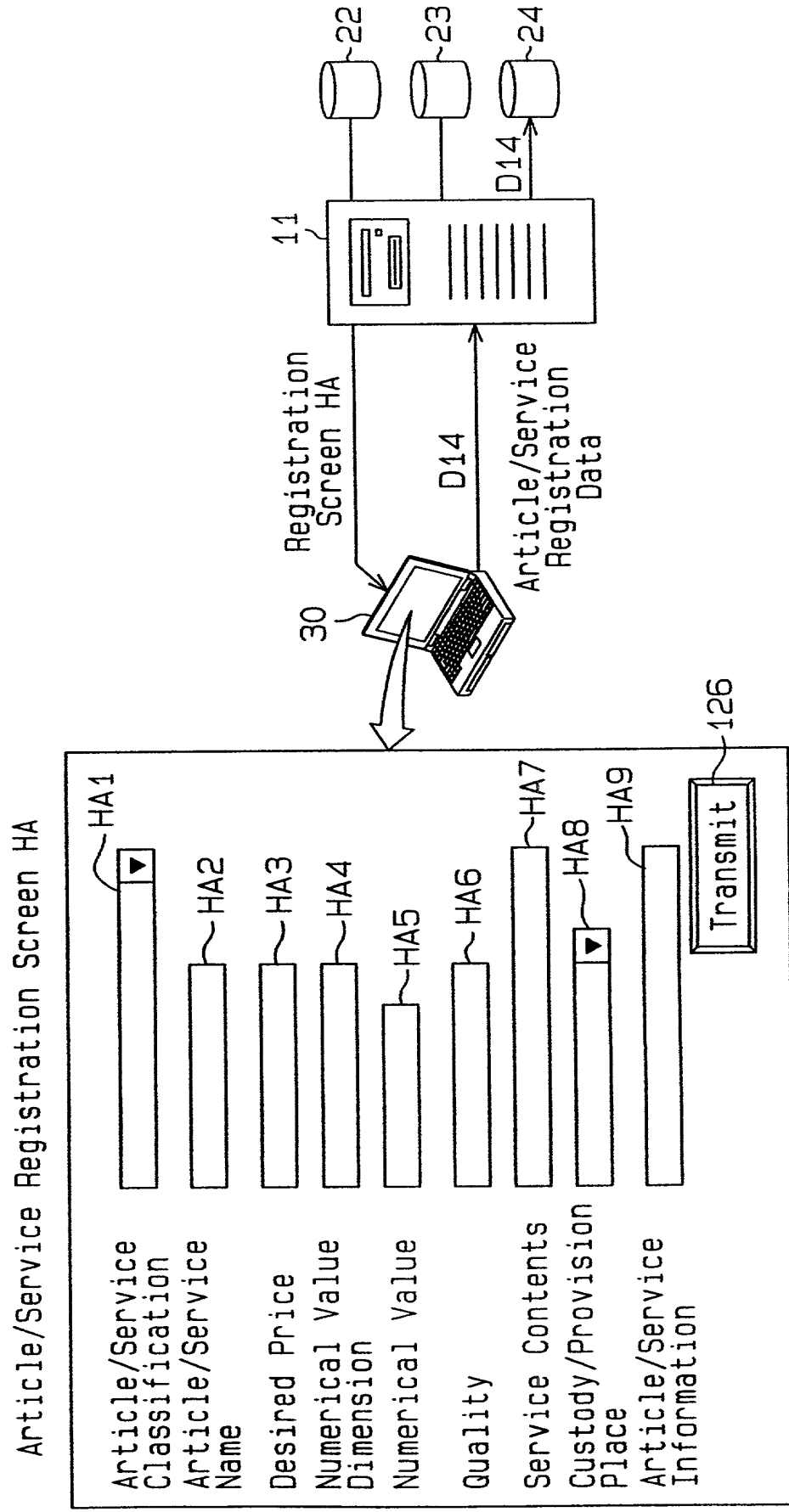


**Fig. 38**

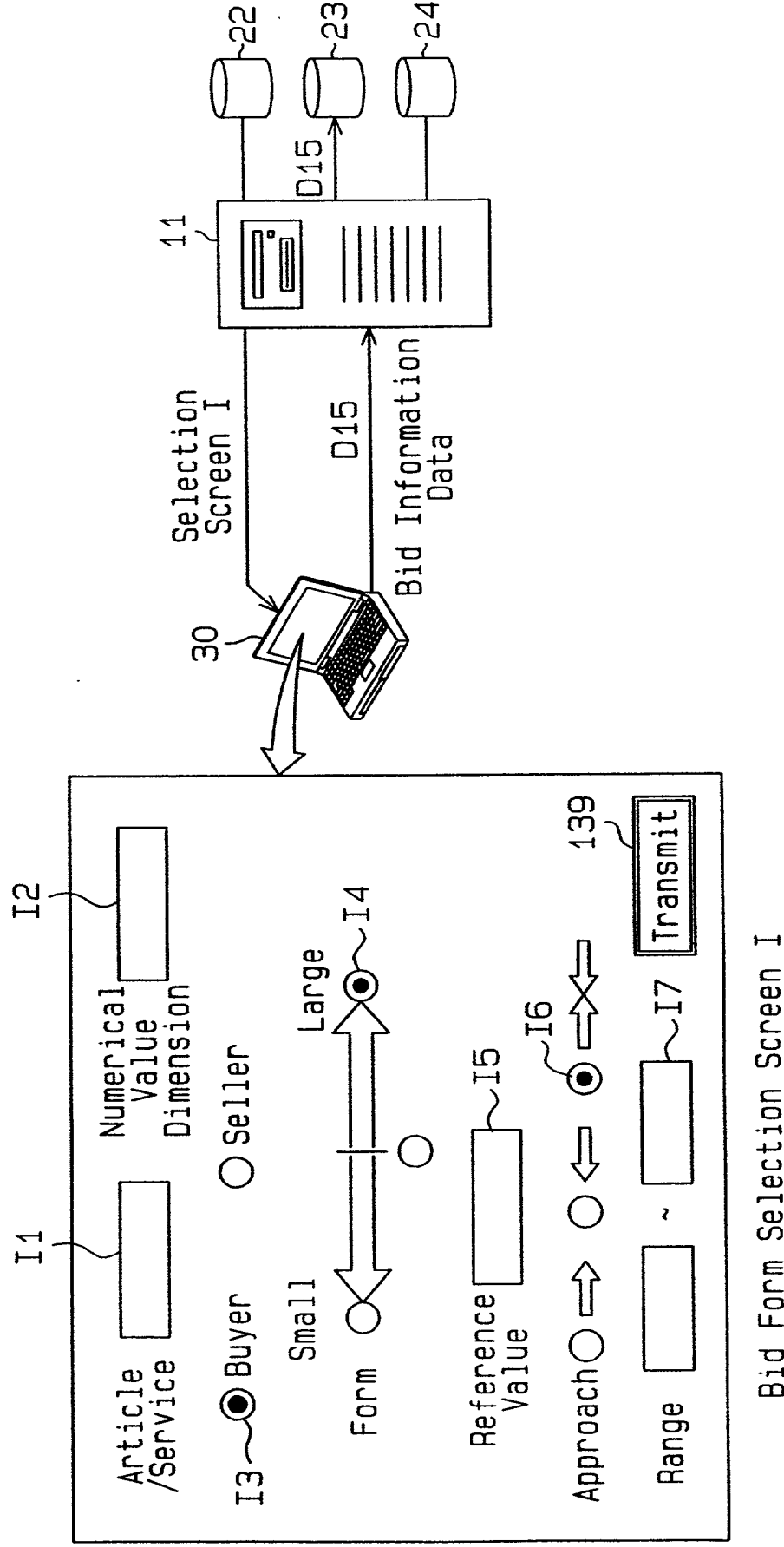


Numerical Value Dimension Selection Screen J

# Fig. 39

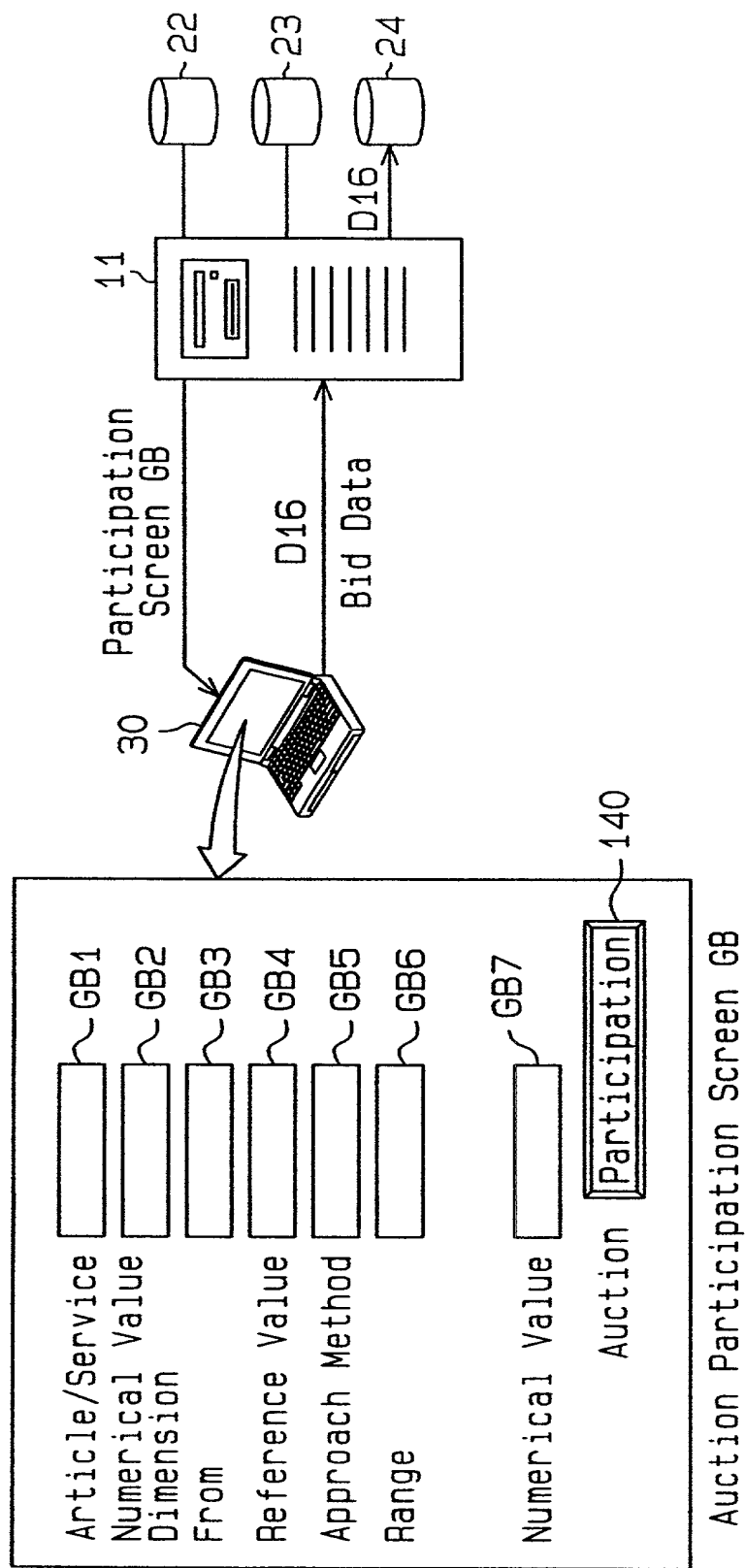


# Fig. 40





**Fig. 41**



**Fig. 42**

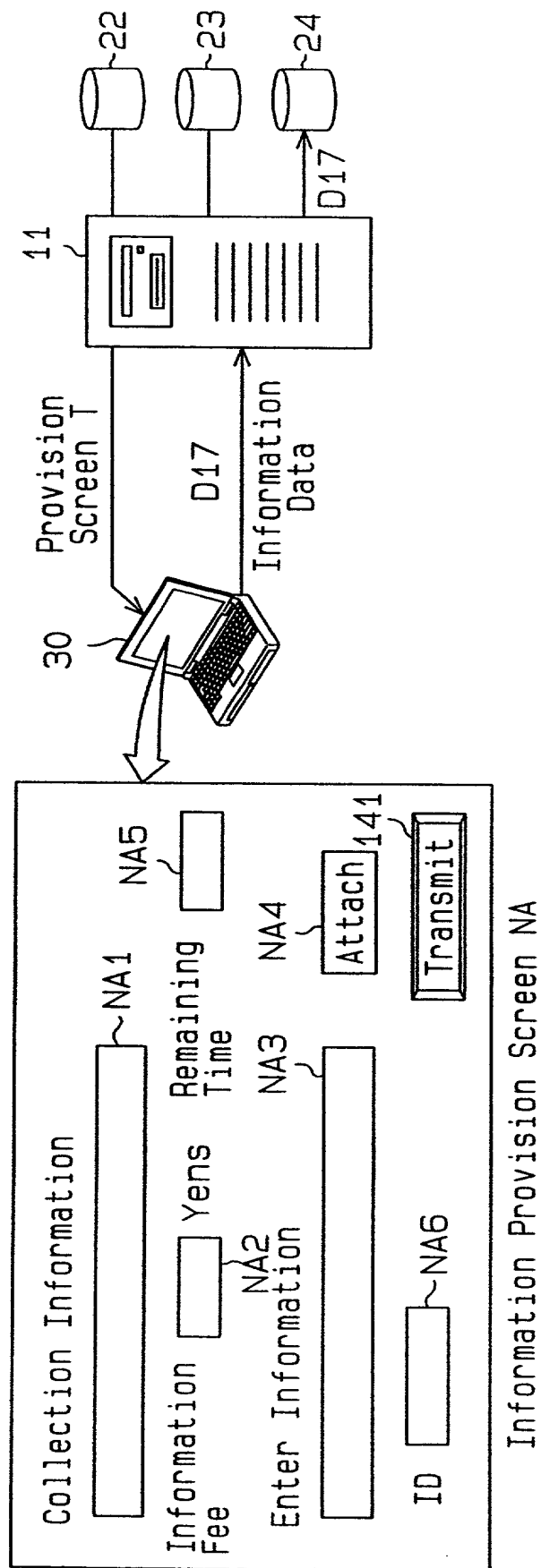


Fig. 43

List Screen XC

List XC1

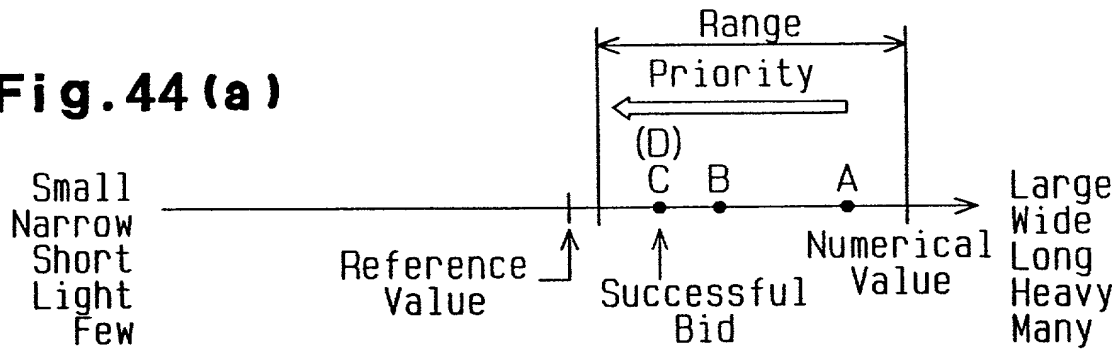
NO	Code Number	Numerical Value Price	Price	Supplementary Items
1	00080	1000	xxxxx	Nothing
2	00079	950	xxxxx	xxxxx
3	00078	900	xxxxx	xxxxx
4	00077	880	xxxxx	Nothing
5	00076	860	xxxxx	Nothing
6	00075	700	xxxxx	xxxxx
7	00074	600	xxxxx	Nothing
.	.	.	.	.
.	.	.	.	.
.	.	.	.	.

Select Successful Bidder  
NO.  XC2

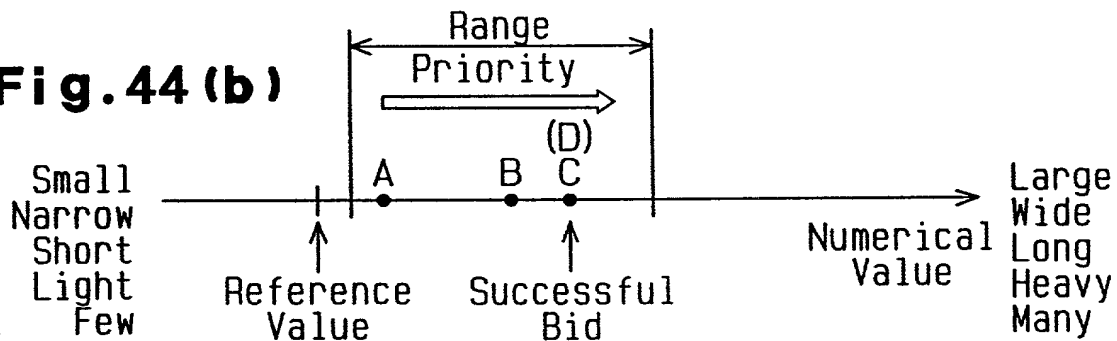
Decide

142

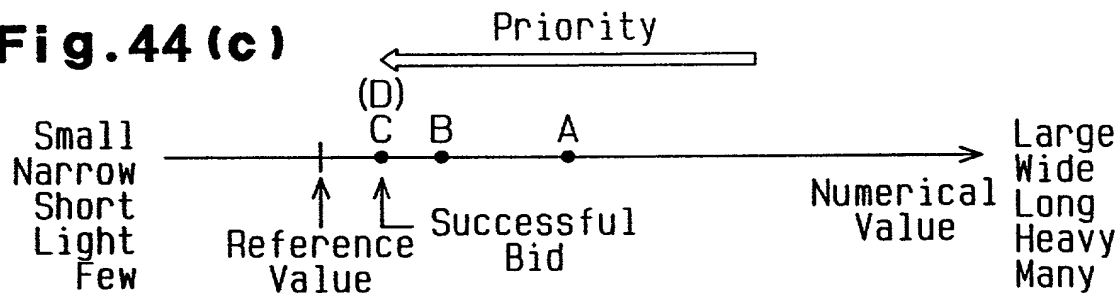
**Fig. 44 (a)**



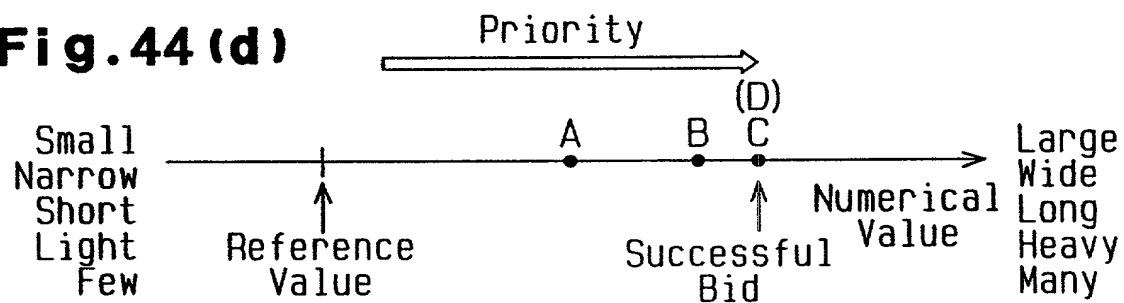
**Fig. 44 (b)**



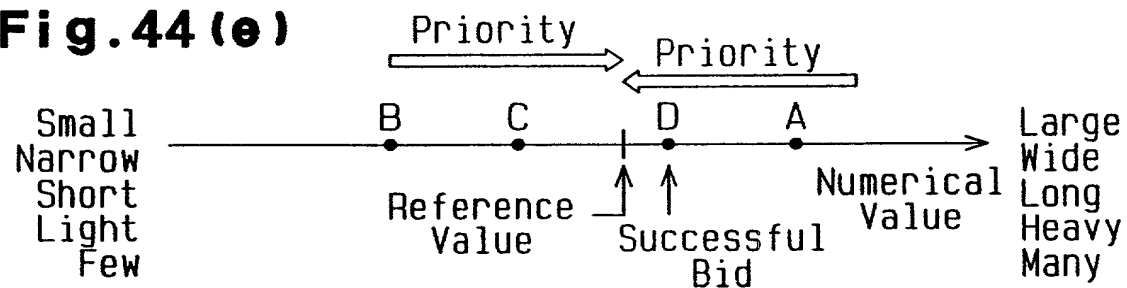
**Fig. 44 (c)**



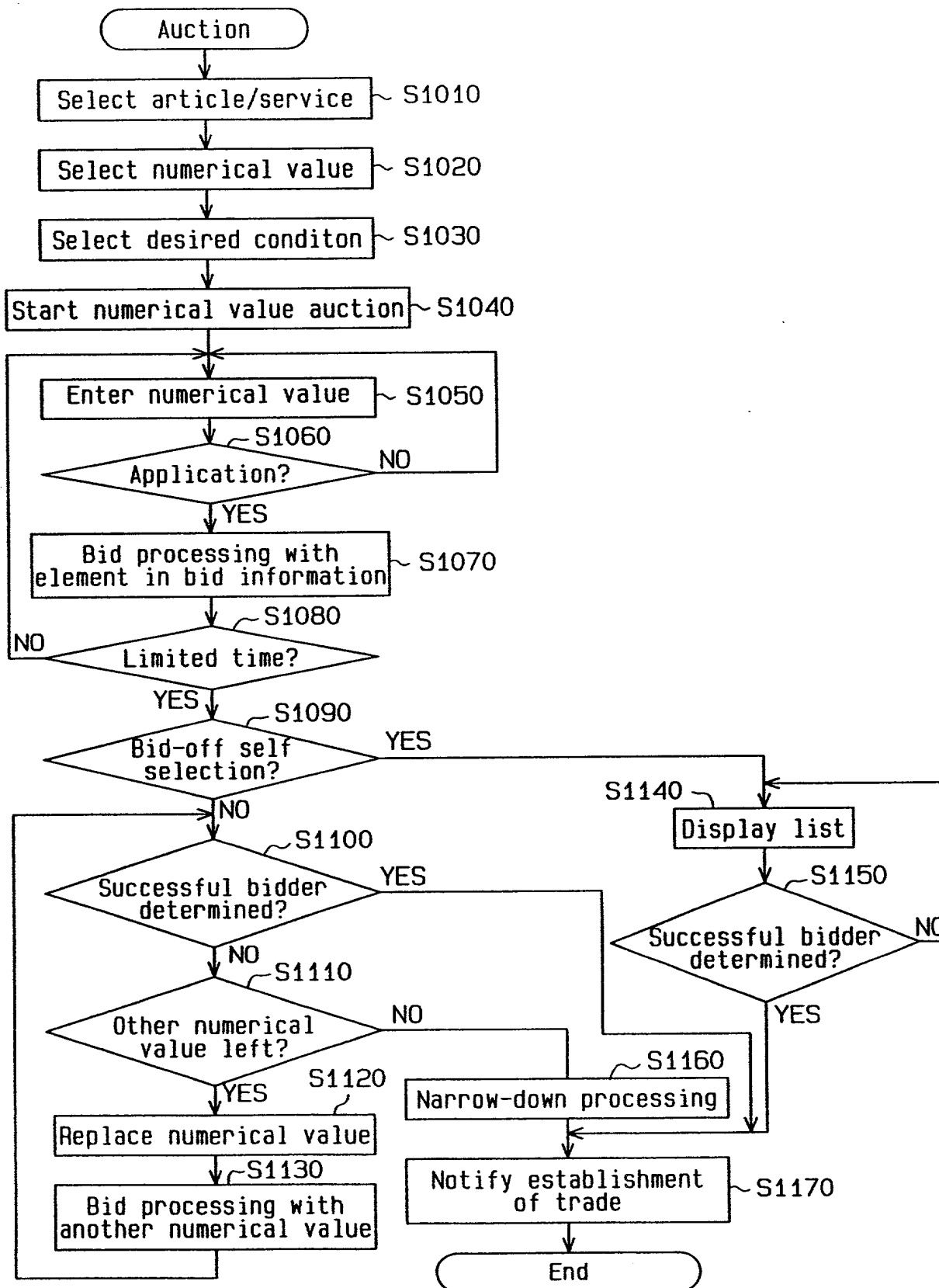
**Fig. 44 (d)**



**Fig. 44 (e)**



# Fig.45



**Fig. 46**

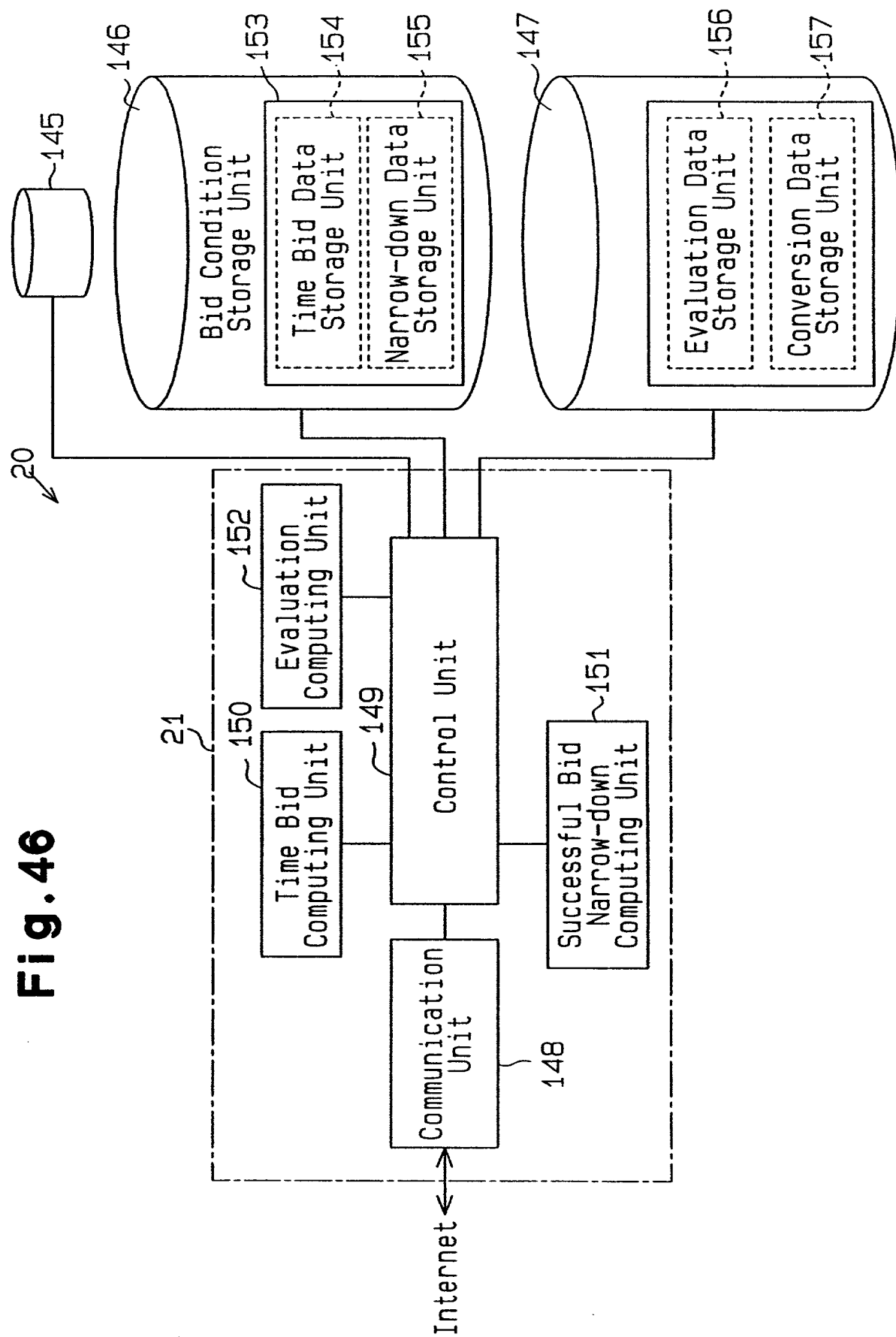
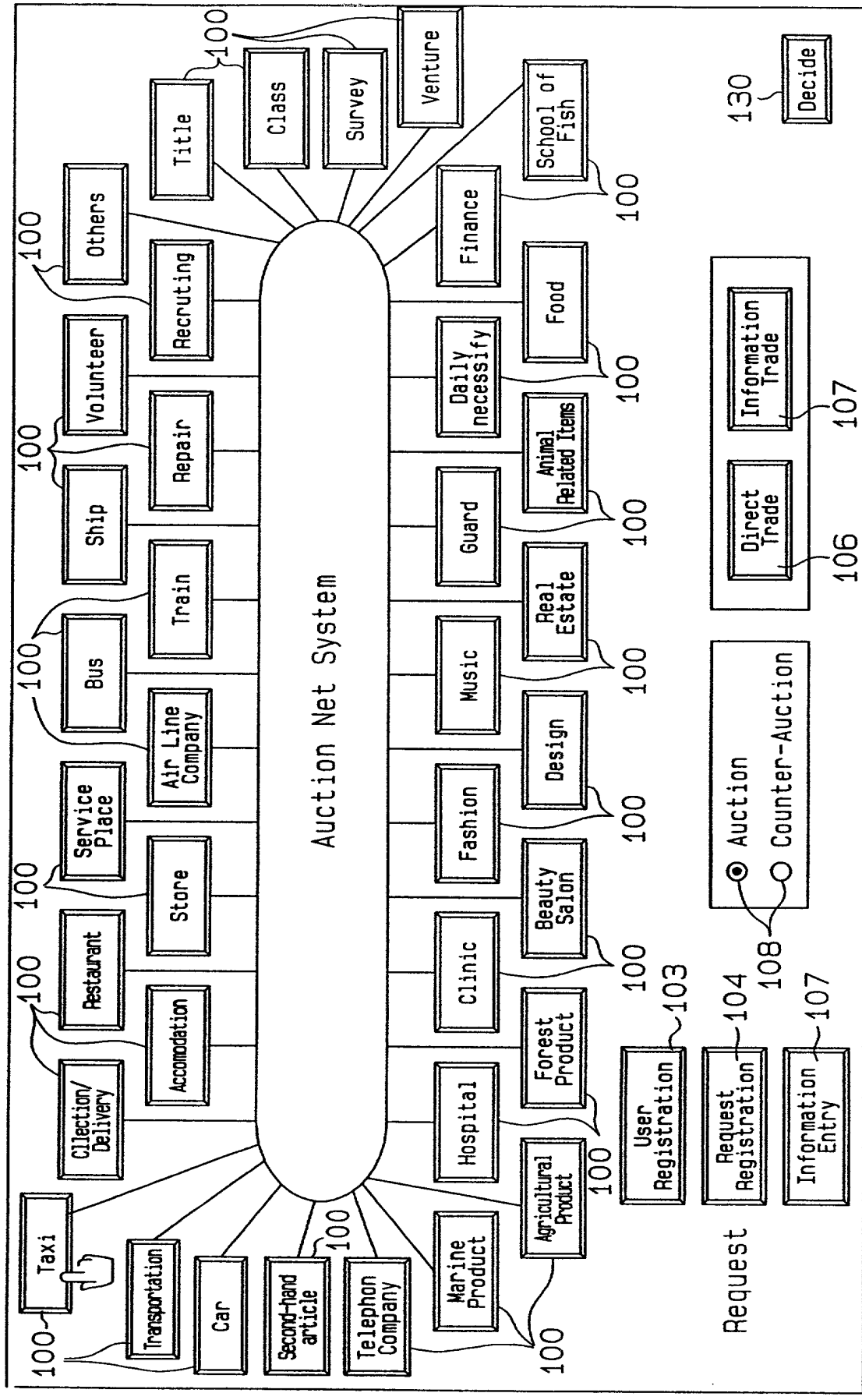


Fig. 47

Auction HP



**Fig. 48**

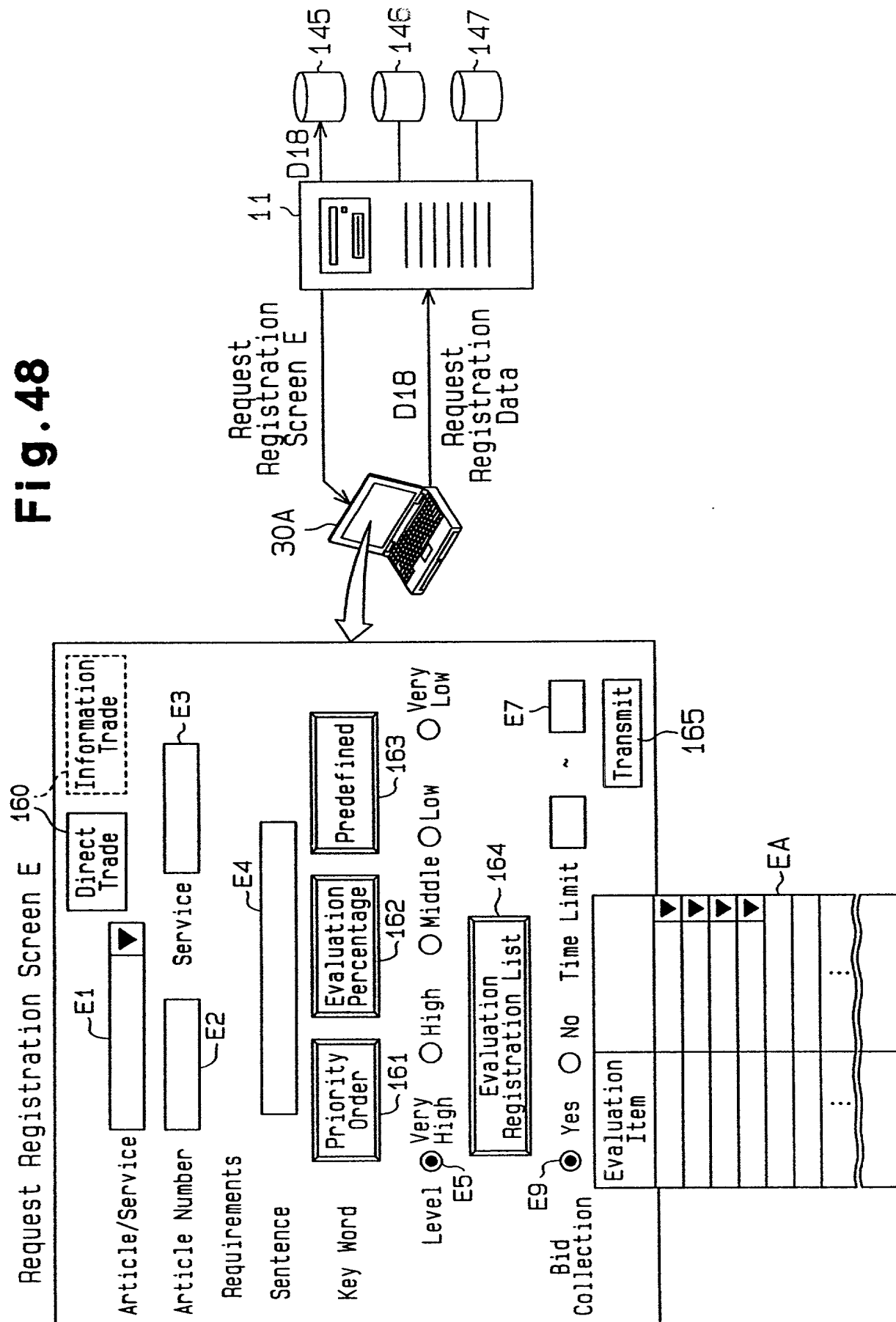




Fig. 49

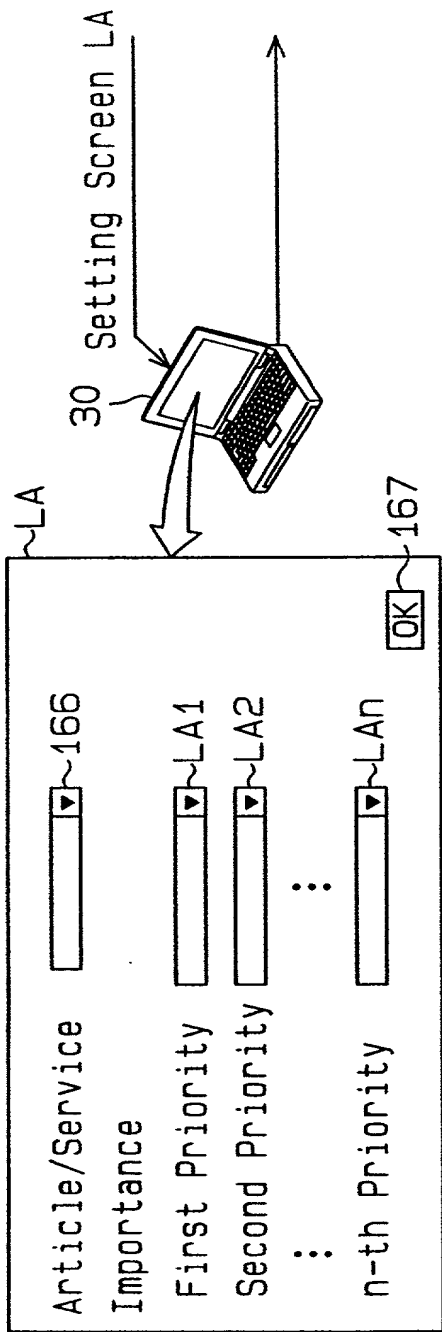


Fig. 50

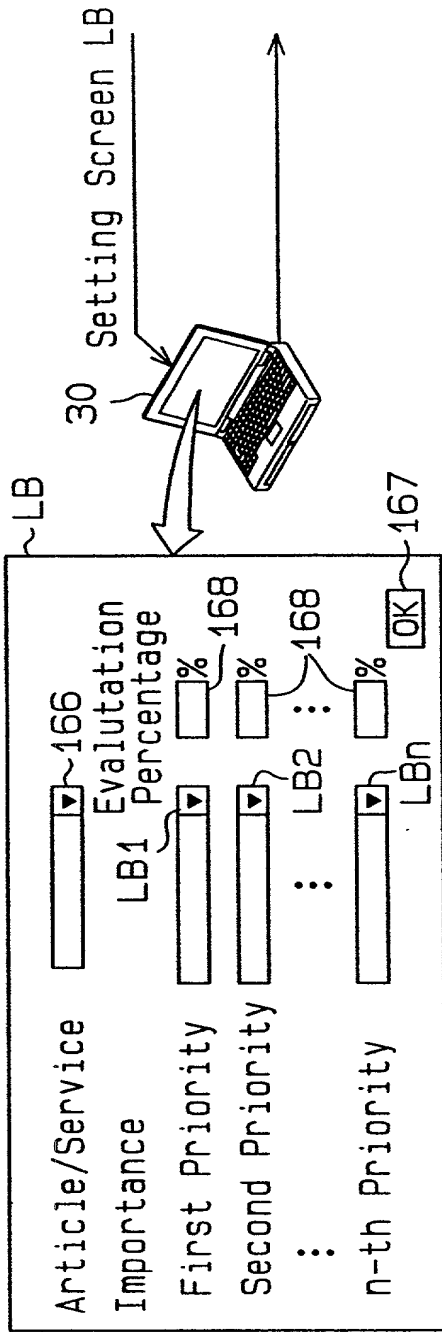
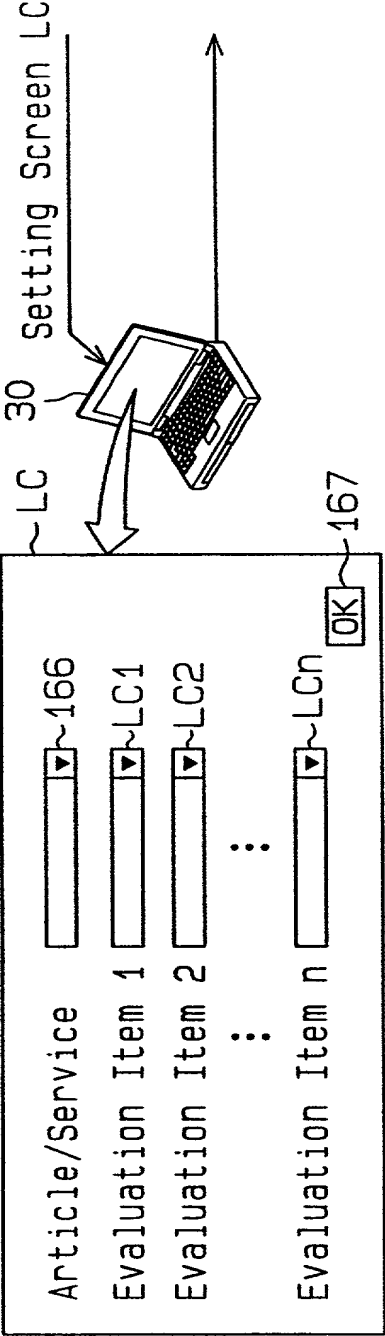


Fig. 51



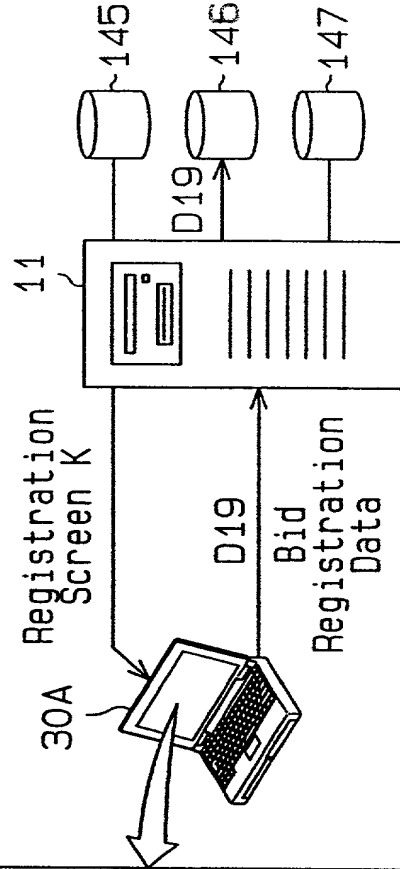
Bid Registration Screen K

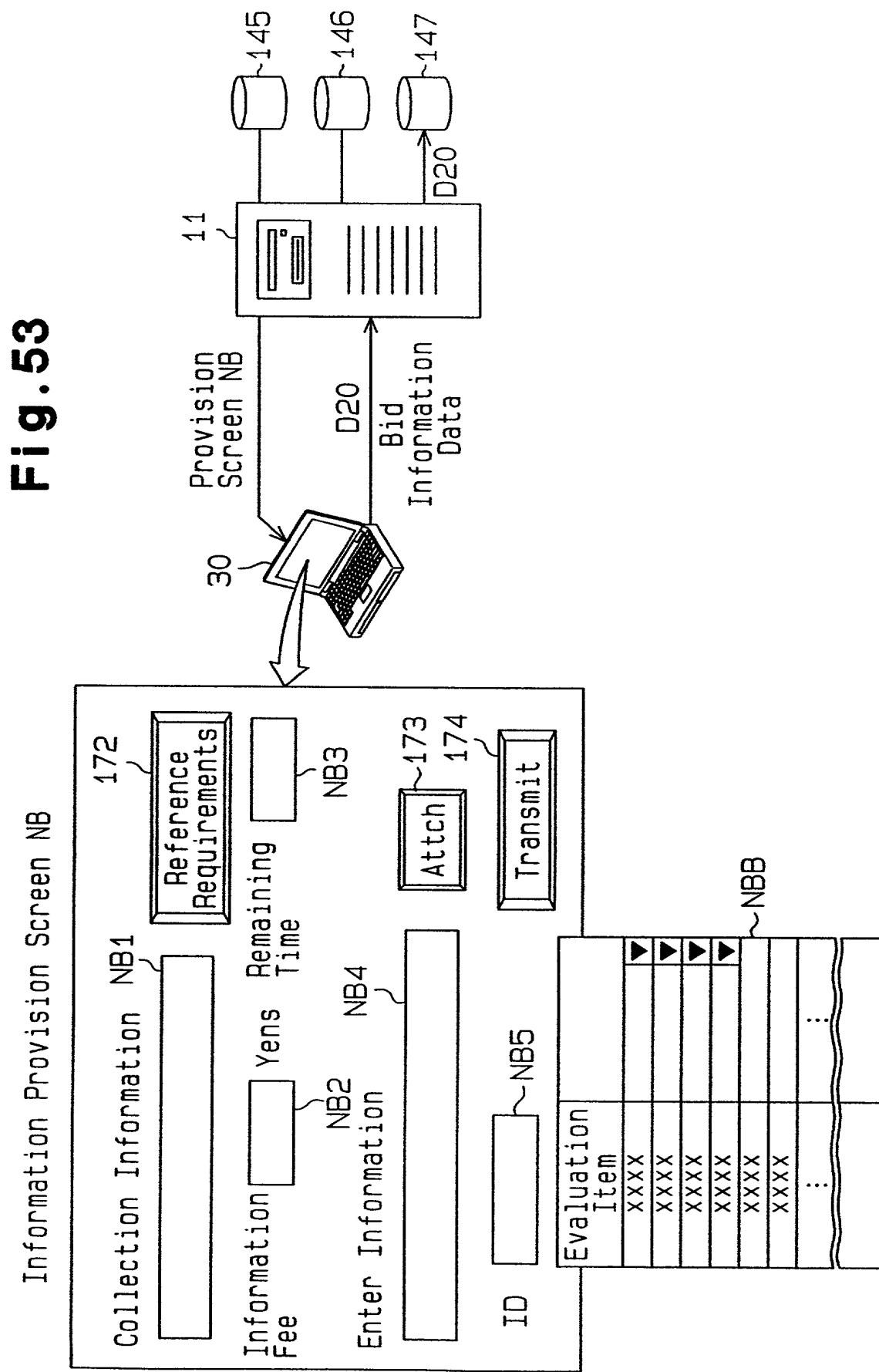
Article /Service	<input type="text"/> ~K1
Article Number	<input type="text"/> ~K2
Service	<input type="text"/> ~K3
Price (Fee)	<input type="text"/> ~K4
Place	<input type="text"/> ~K5
Quality /Contents	<input type="text"/> Evaluation Data Registration ~169
Reference Information	<input type="text"/> ~K6
Requirements	<input type="text"/> ~K7
<div>Reference Requirements</div> <div>Transmit</div>	

Evaluation Item	
xxx	<input type="text"/> ~KA
xxx	<input type="text"/>
xxx	<input type="text"/>
xxx	<input type="text"/>
xxx	<input type="text"/>
...	<input type="text"/>
...	<input type="text"/>

Fig. 52





# Fig.54

0						
Order	Article	Evaluation Item 1	Evaluation Item 2	...	Evaluation Item n	Total Evaluation
1	B	...Point	...Point	...	...Point	92Point
2	C	...Point	...Point	...	...Point	85Point
3	A	...Point	...Point	...	...Point	73Point
4	D	...Point	...Point	...	...Point	6Point
						175
						Bid Off
						176
						OK
						177
						Correct

Fig. 55

Article	Evaluation Item a	Evaluation Item b	Evaluation Item c	Evaluation Item x
A	90	70	65	80
B	85	72	55	64
C	75	82	70	71
D	65	85	60	65
...	...	...	...	...

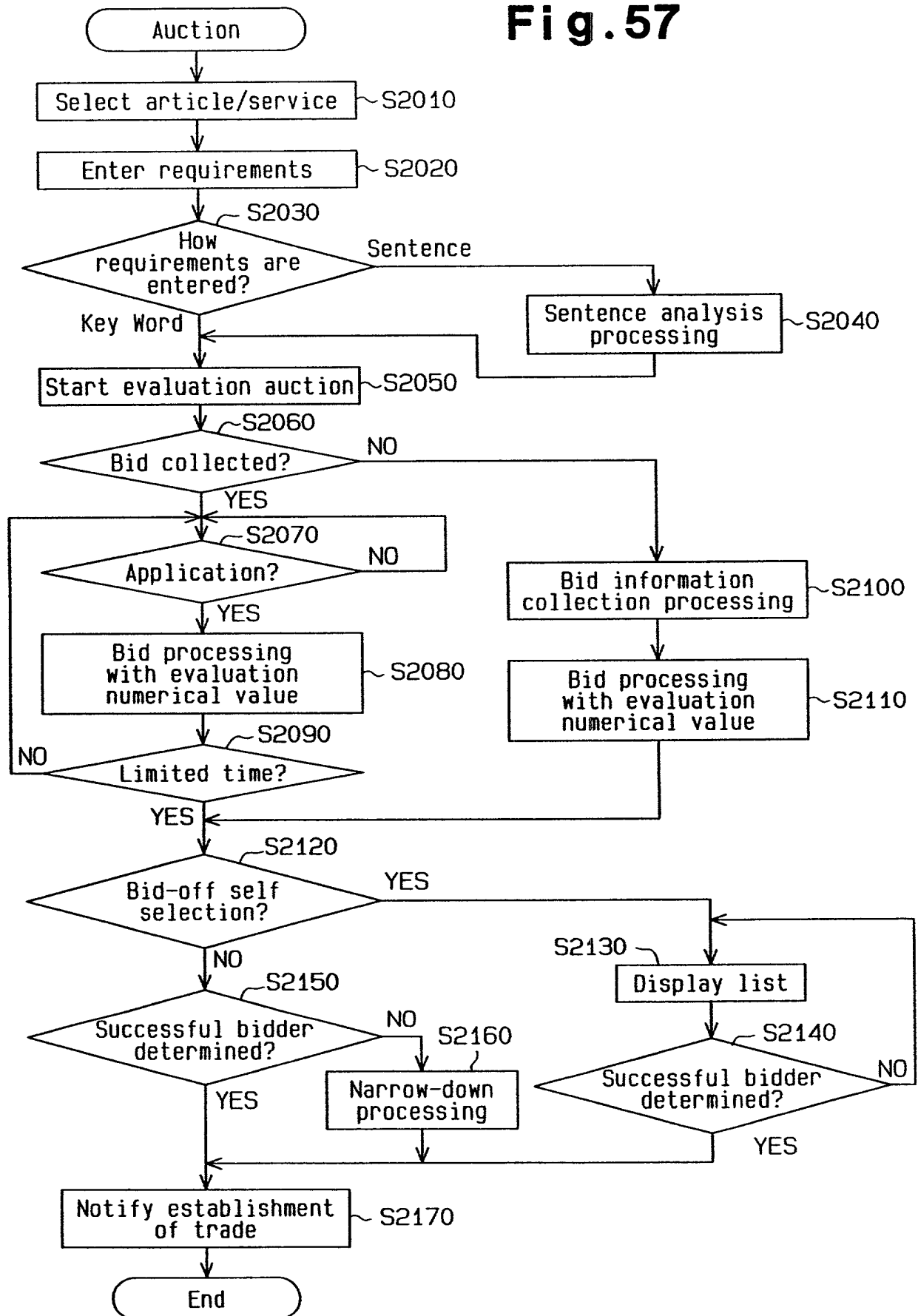
D21

Fig. 56

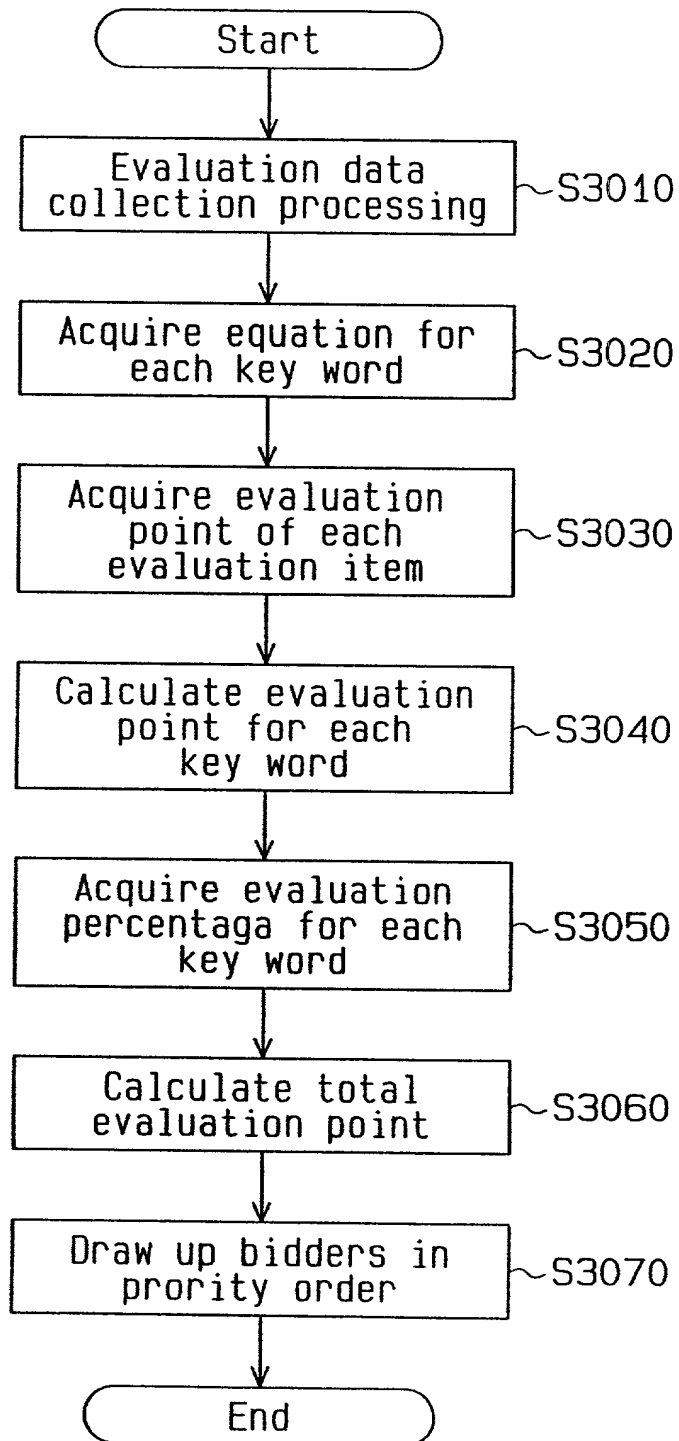
Key Word	Equation
Safety	$\sum k_n$
Health	$(xk_1+yk_2)/Z+k_3$
Disease	$ak_1+bk_2+...+nk_n$
...	...

D22

# Fig. 57



**Fig. 58**





# Fig. 59

Element Selection Screen JA

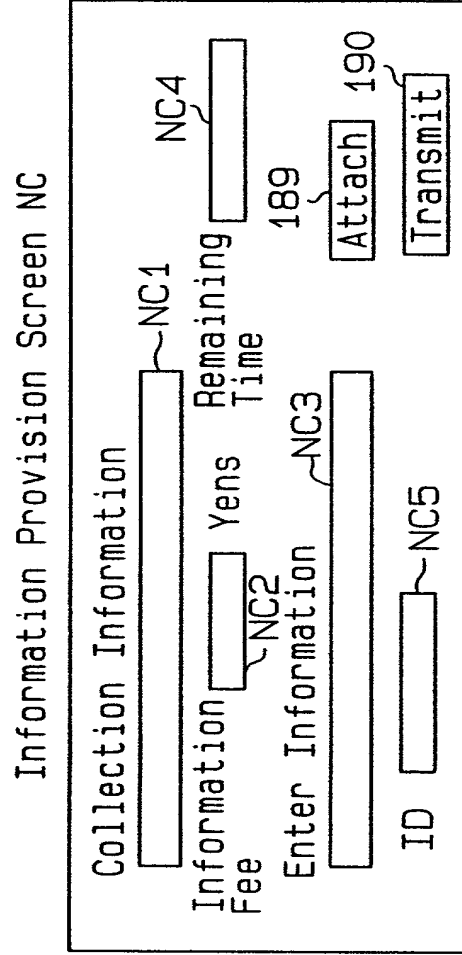
Elements of Auction		183	JA1	Auction
Time	~180	Length, Space	~184	Numerical Value ~186
Position	~181	Number/Quantity	~185	Decide
On The Move	~182	Weight	~187	

# Fig. 60

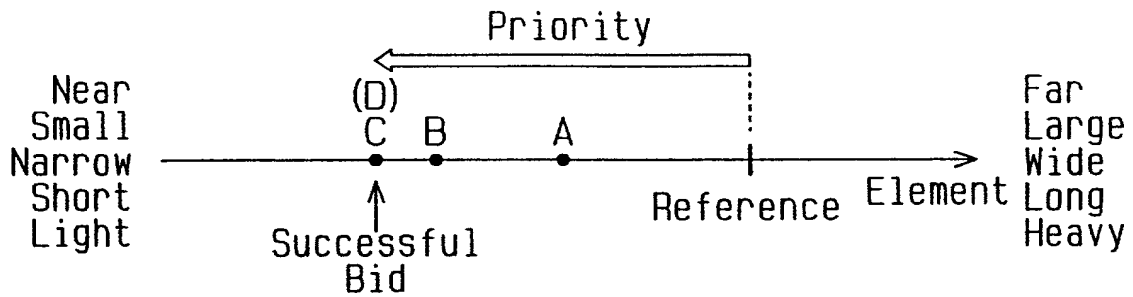
Bid Form Selection Screen IA

Article	Element	IA2
/Service	IA1	
Small	Large	
Form	IA3	
Reference	IA4	
Value	IA5	
Approach	IA6	188
Range	Transmit	

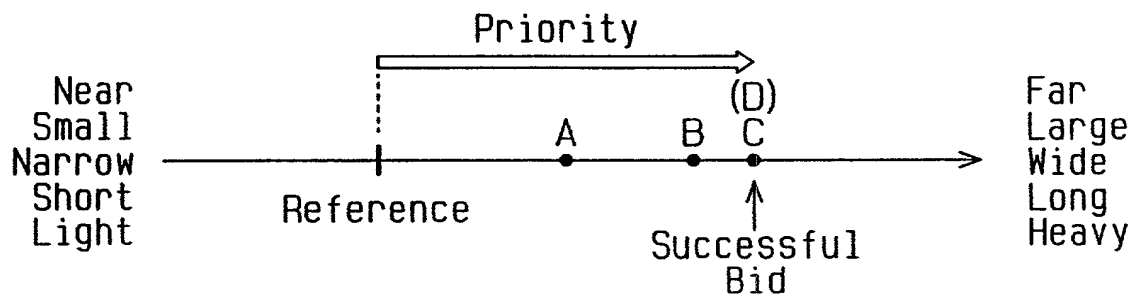
**Fig. 61**



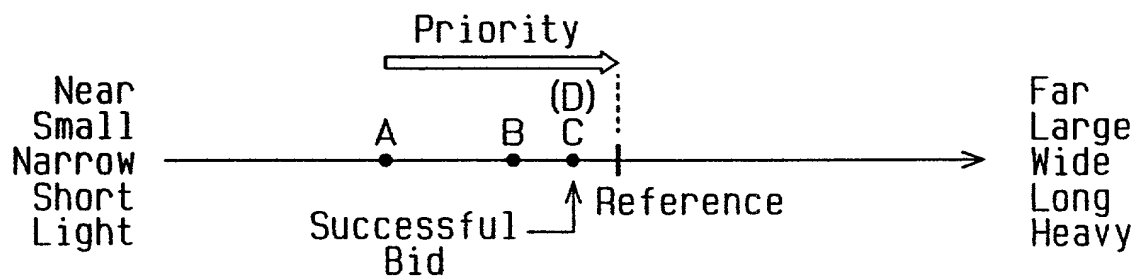
**Fig.62 (a)**



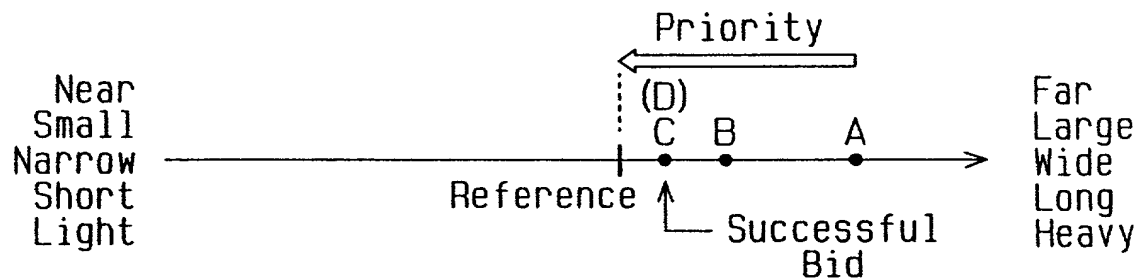
**Fig.62 (b)**



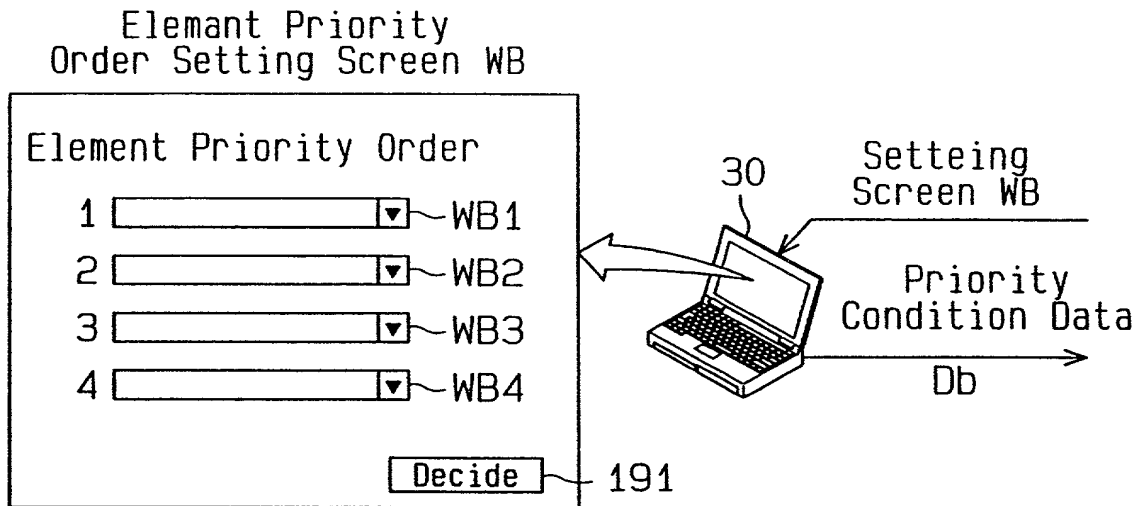
**Fig.62 (c)**



**Fig.62 (d)**



# Fig. 63



# Fig. 64

List Screen XD

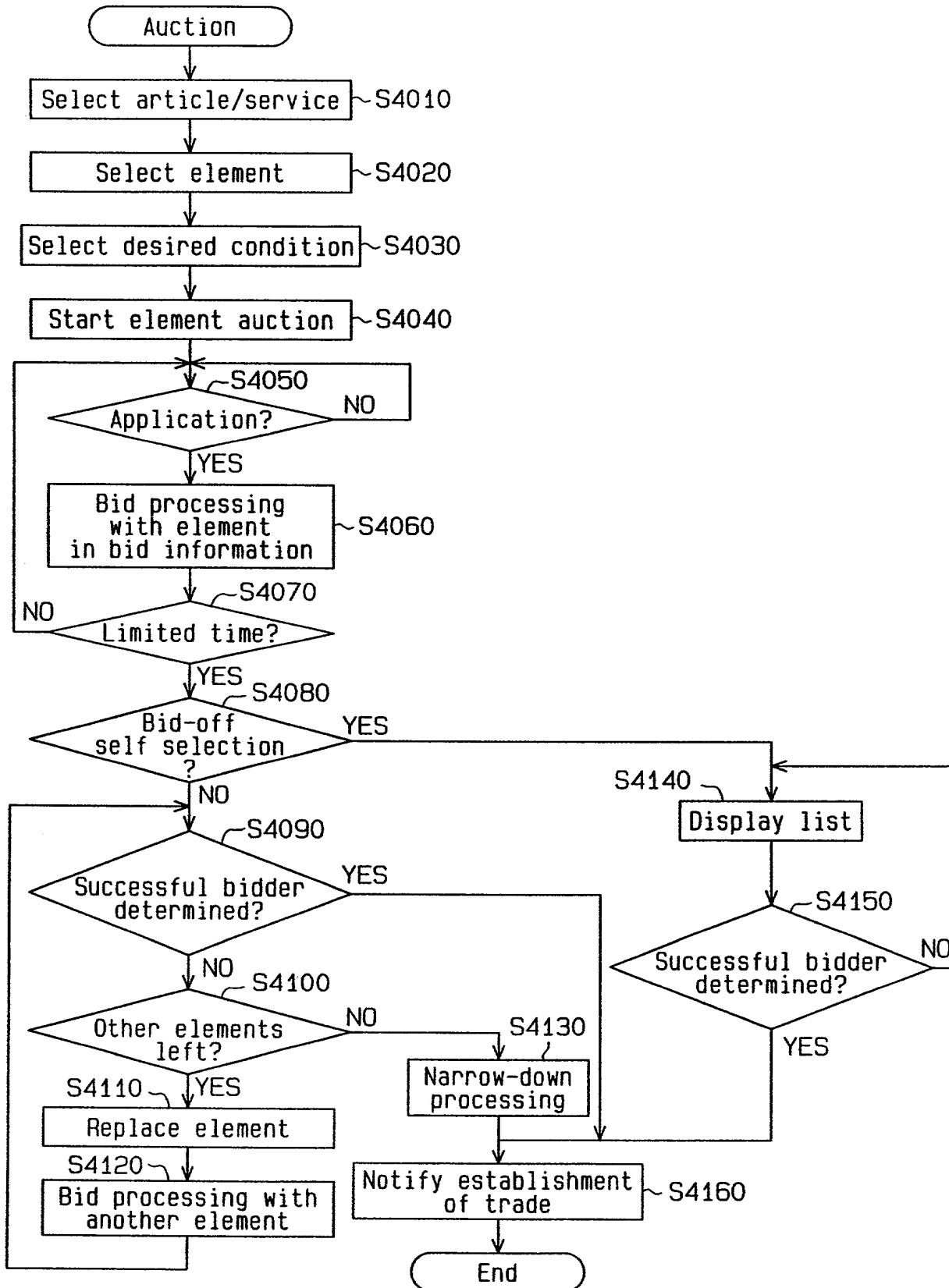
List XD1

NO	Code Number	Bid Information				
		Element 1	Element 2			
1	00080	xxxxx	xxxxx	xx	xxxx	xx
2	00079	xxxxx	xxxxx	xx	xxxx	xx
3	00078	xxxxx	xxxxx	xx	xxxx	xx
4	00077	xxxxx	xxxxx	xx	xxxx	xx
5	00076	xxxxx	xxxxx	xx	xxxx	xx
6	00075	xxxxx	xxxxx	xx	xxxx	xx
7	00074	xxxxx	xxxxx	xx	xxxx	xx
.	.	.	.	.	.	.
.	.	.	.	.	.	.
.	.	.	.	.	.	.

Select Successful Bidder  
NO.  XD2

192

Fig. 65



**Fig. 66**

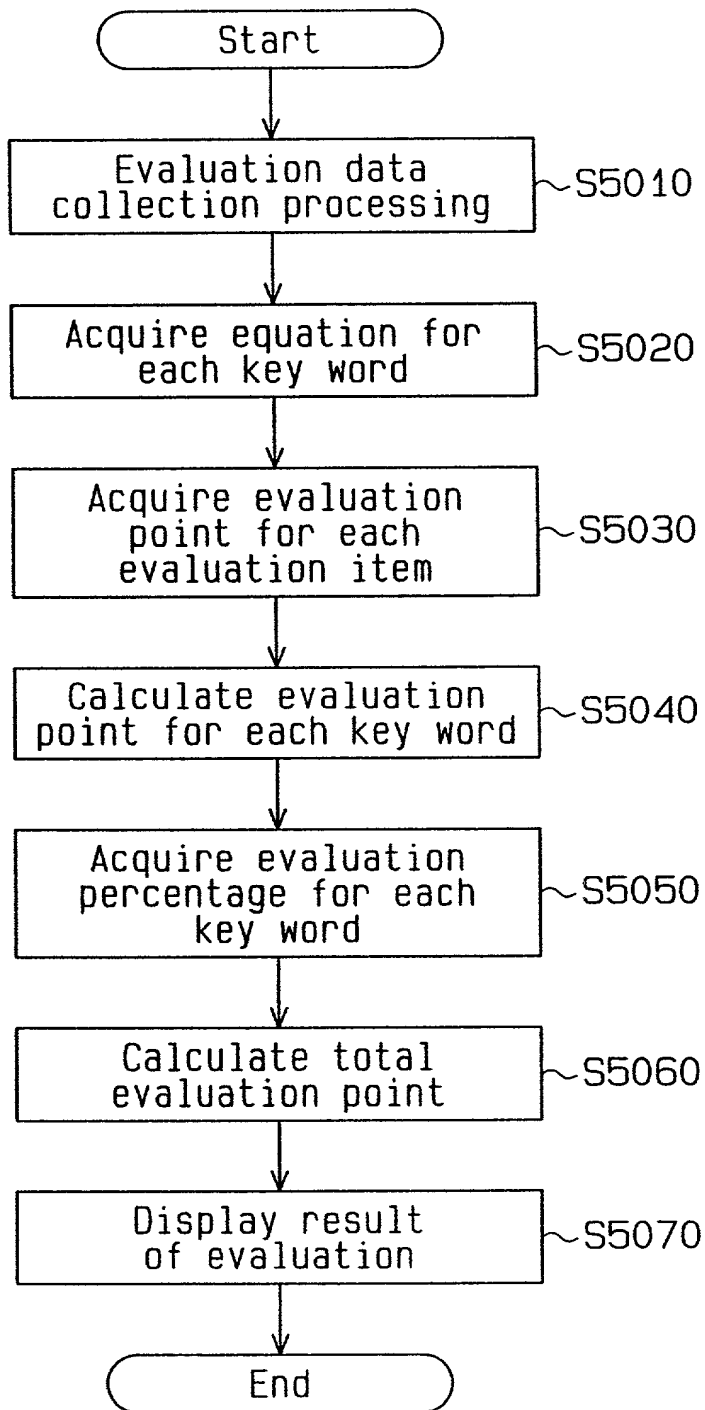
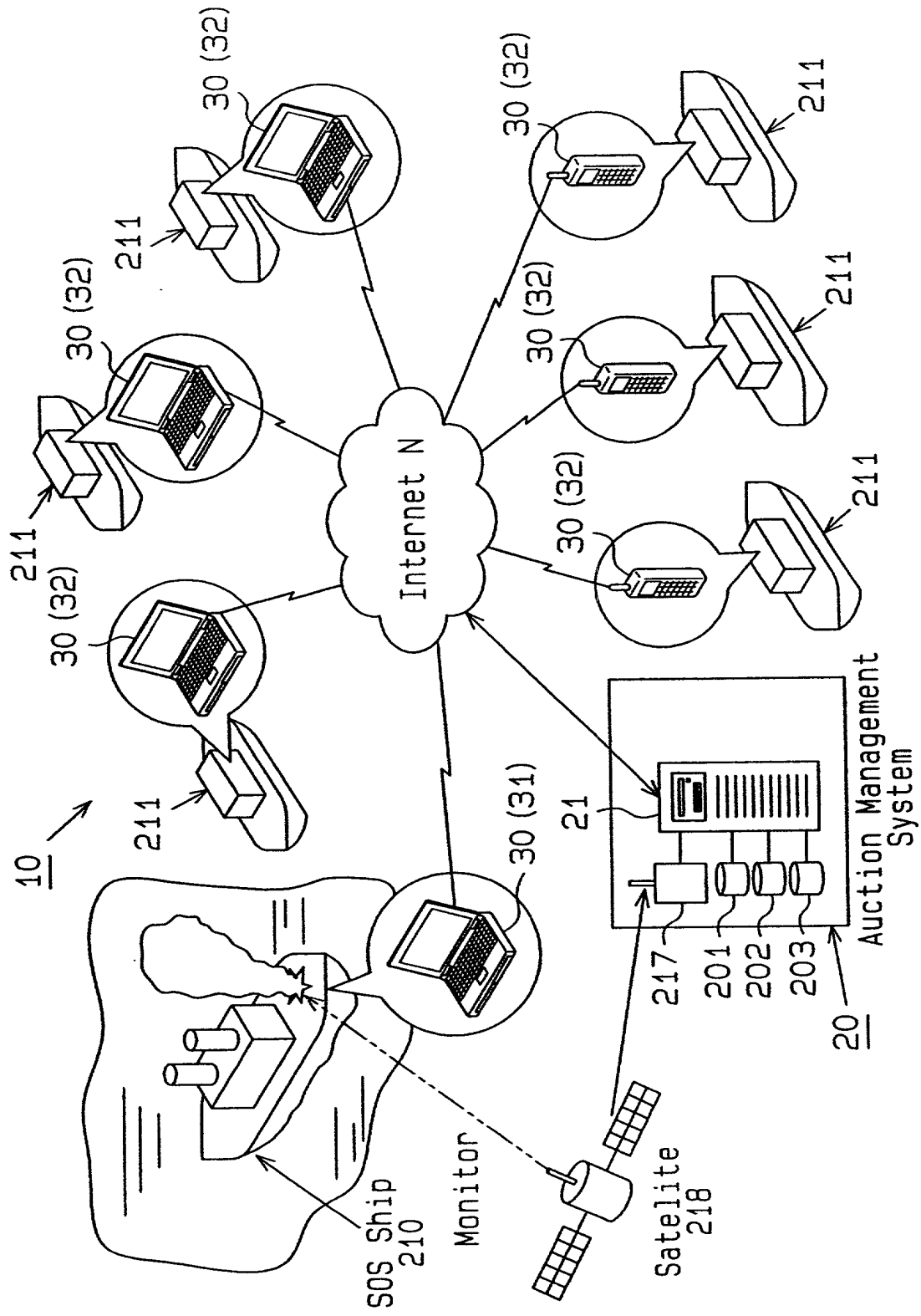


Fig. 67



# Fig. 68

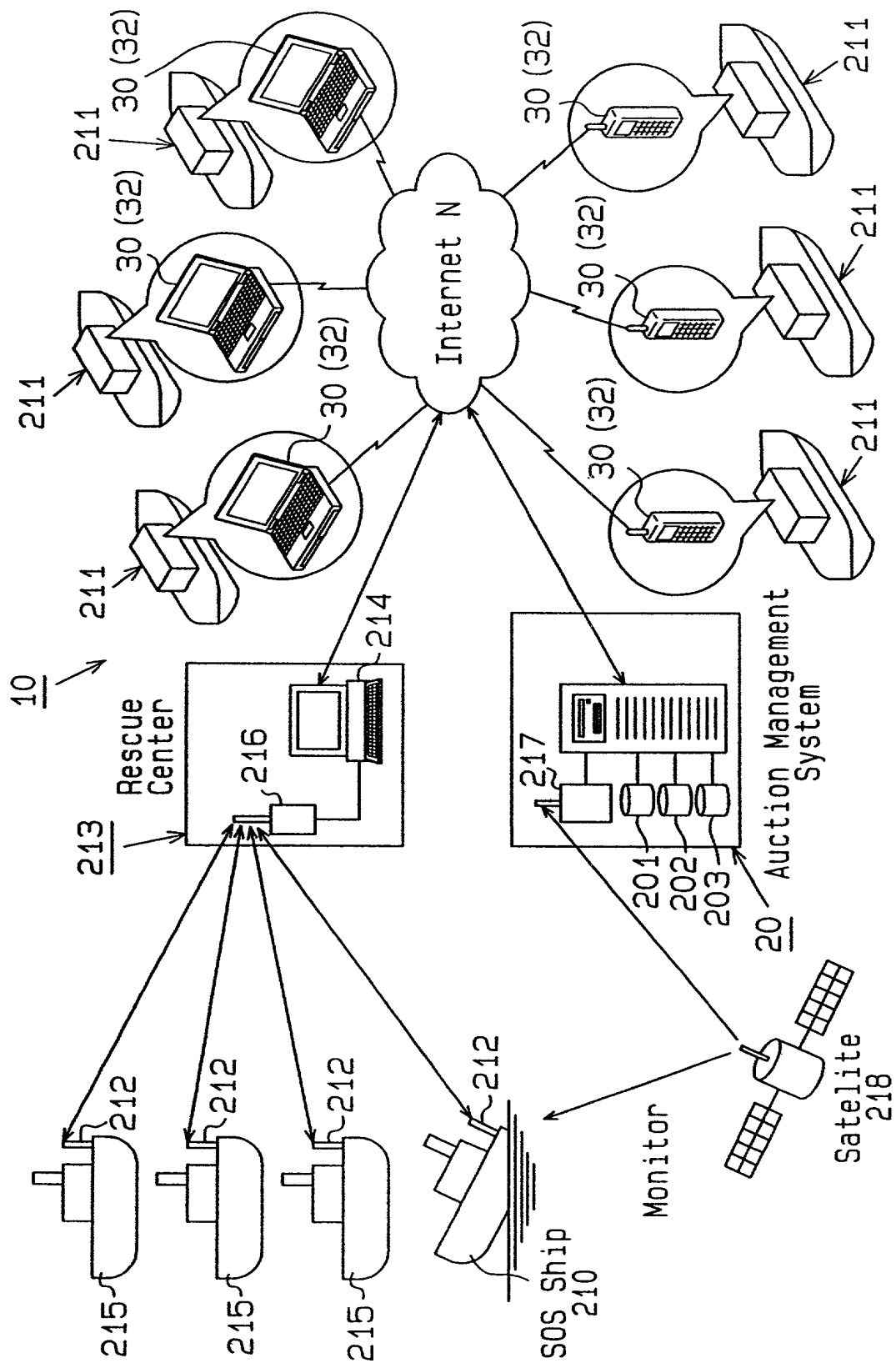






Fig. 70

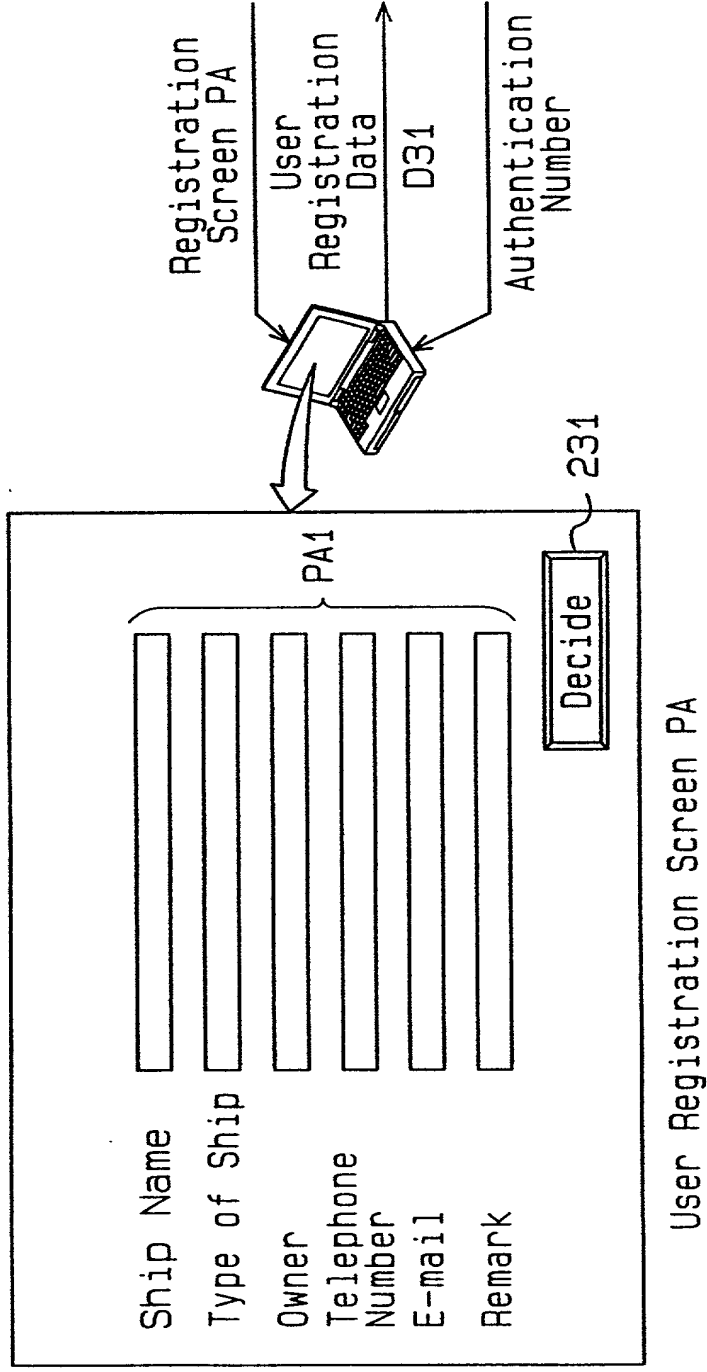
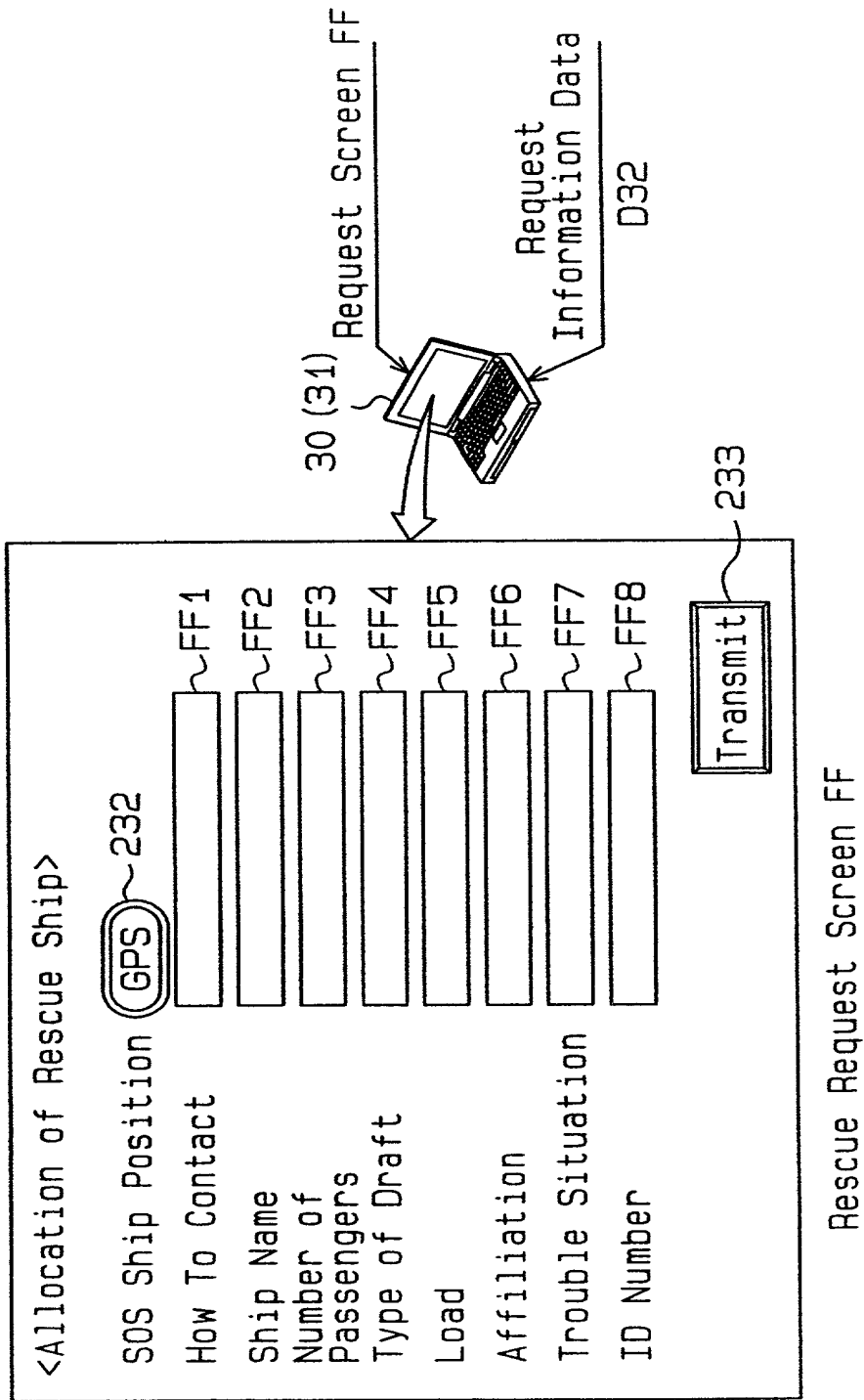
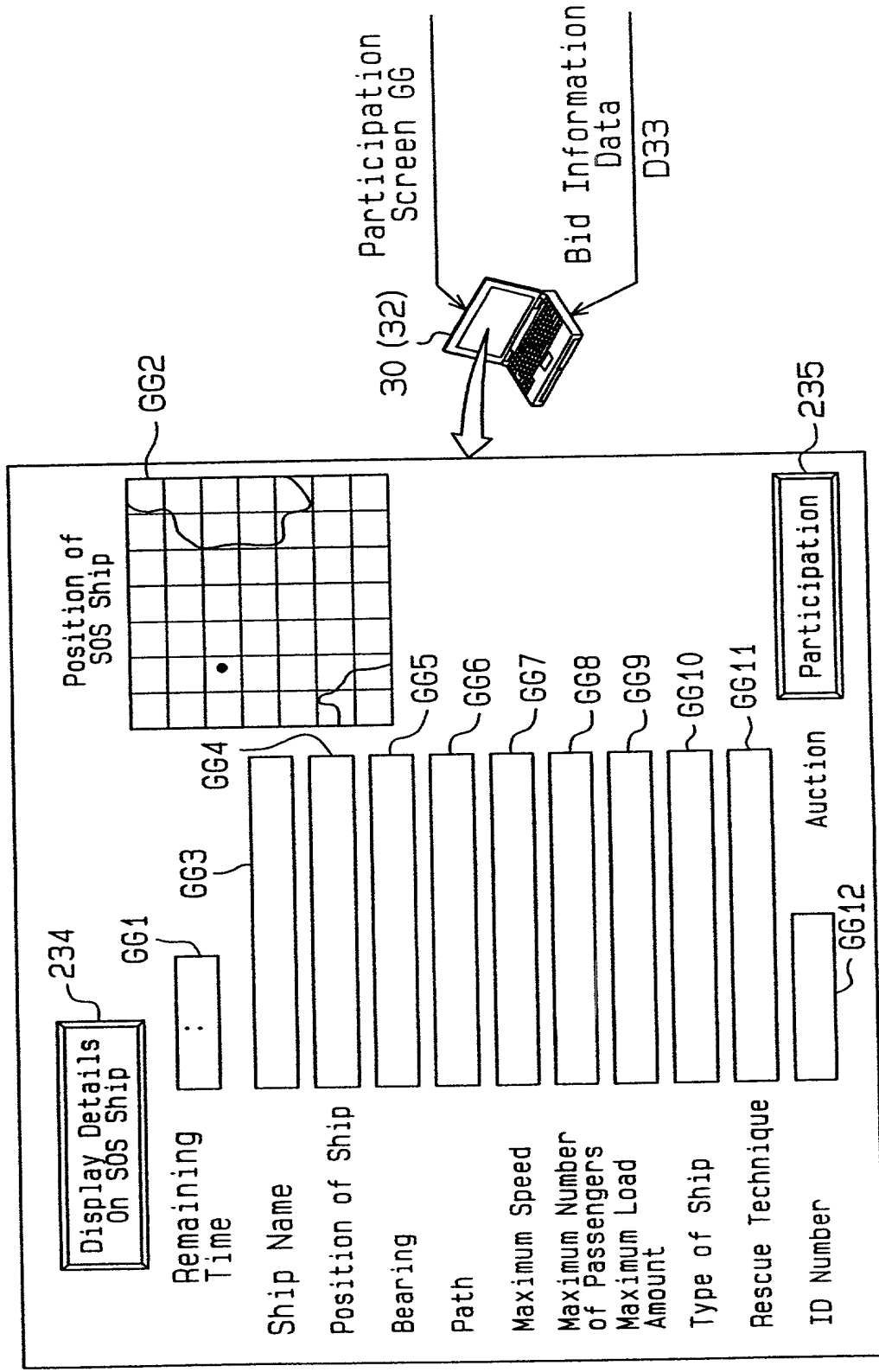


Fig. 71



# Fig. 72



Auction Participation Screen GG

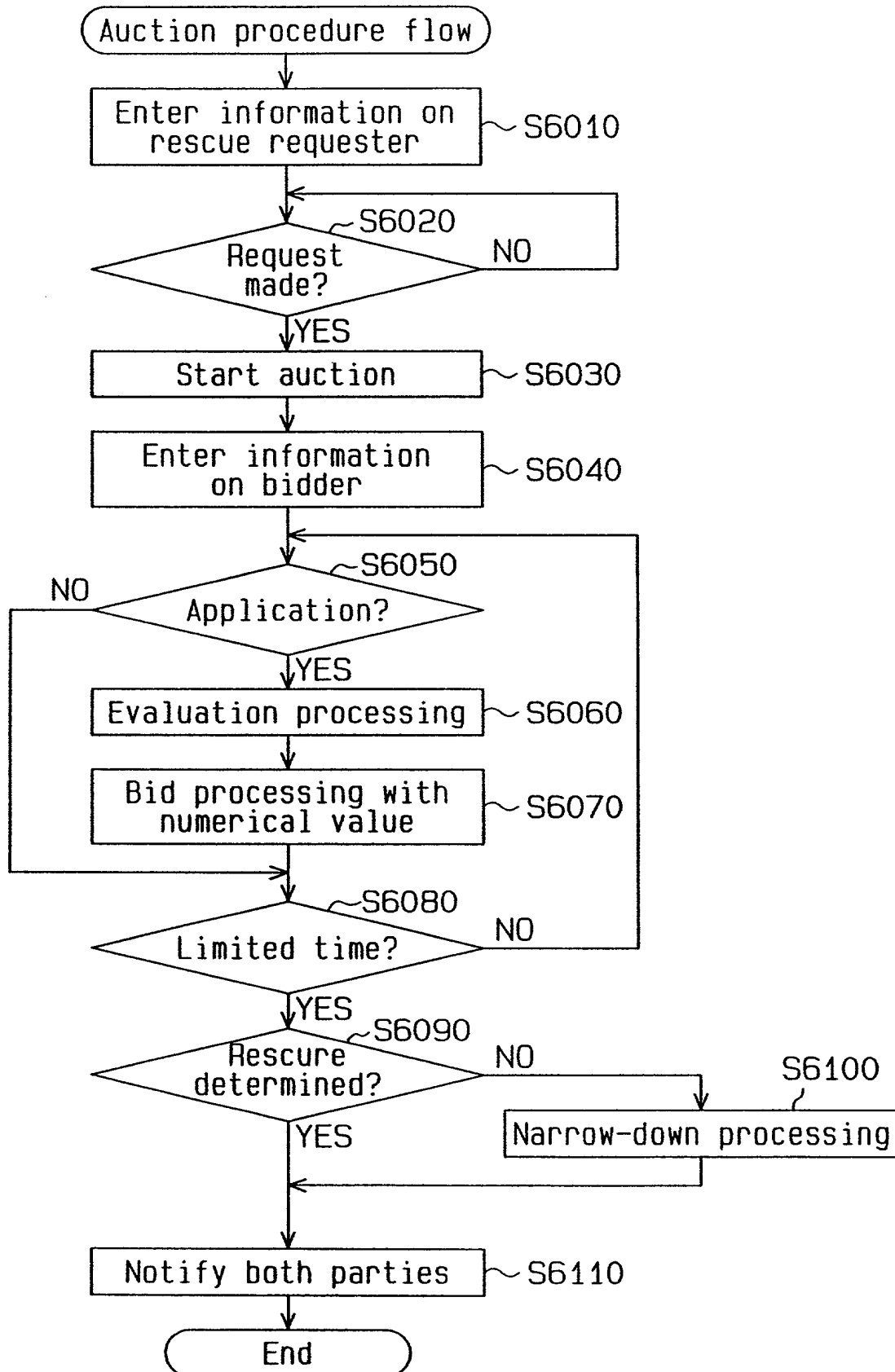
Fig. 73(a)

	Available Time (minutes)	Size of Ship (t)	Number Of Persons To Be Saved (persons)	Required Rescue Technical Level
SOS Ship	60	3000	50	70

Fig. 73(b)

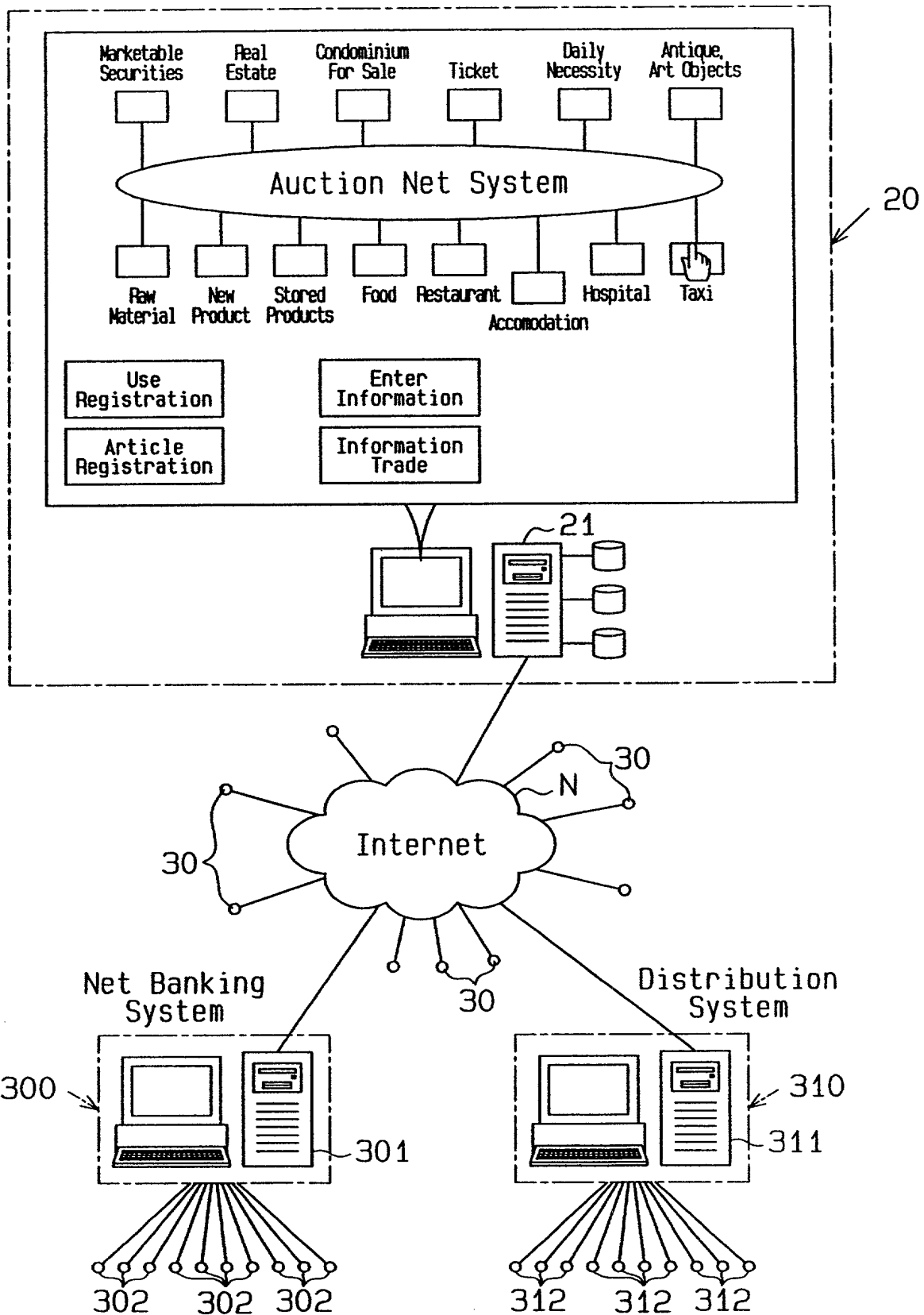
Participant Ship	Arrival Time (minutes)	Size of Ship (t)	Number of Persons Who Can Be Saved (persons)	Rescue Technical Level
X	10	500	4	20
Y	15	5000	200	80
Z	30	4000	100	60
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•

**Fig.74**



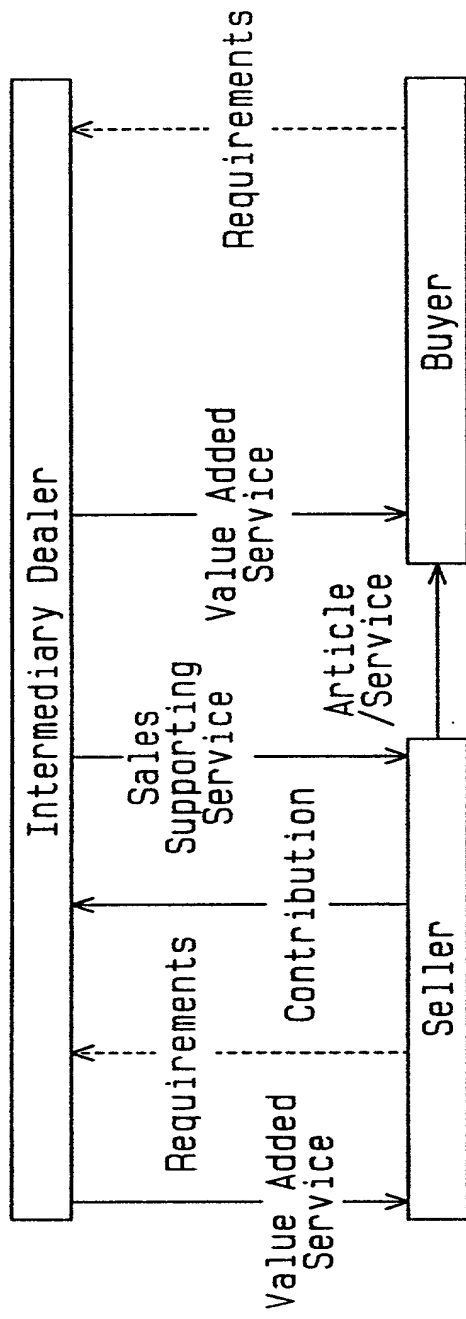
# Fig. 75

## Auction Management System



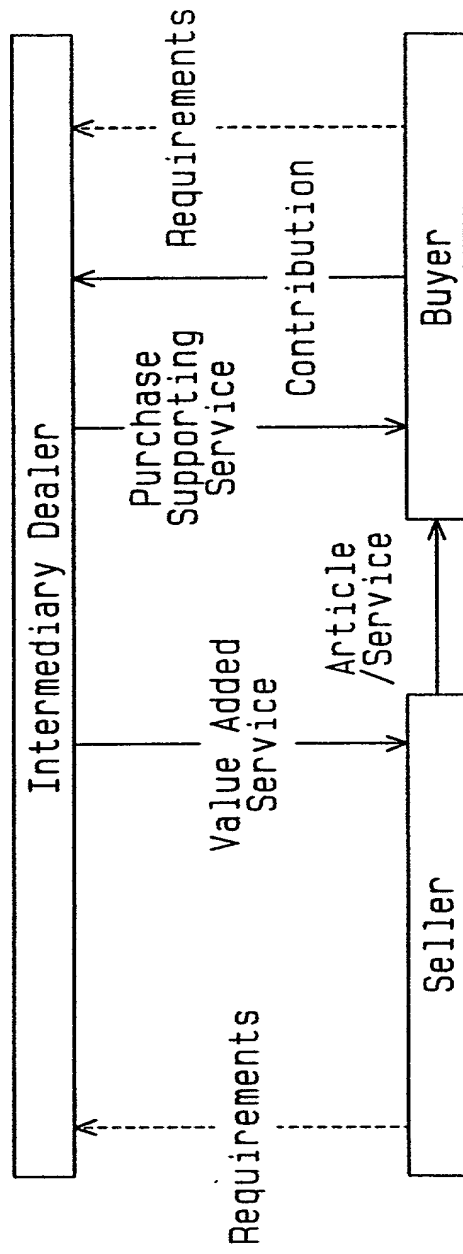
**Fig. 76(a)**

(Sale Supporting Type)



**Fig. 76(b)**

(Purchase Supporting Type)





**Fig. 76(c)**

(Sales/Purchase Supporting Type)

